

| Date Publication | Author(s) | Title | Key Words |
|------------------------------------|---|--|--|
| 2023 02 April/May/June | P. Lugt – SKF | The Grease Life Factor (GLF) concept for ball bearings | Grease life; Ball bearings; Specifications |
| 2023 02 April/May/June | G.Fish – Lubrizol | Formulating Challenges in an Increasingly Regulated World | ECHA; REACH; Regulations; Additives; Formulation; Classification; Labelling |
| 2023 02 April/May/June | J.Leckner – Axel Christierson | Improved Sustainability with Grease Lubrication – Low Hanging Fruit? | Lubricating grease; Sustainability; Energy efficiency; Energy losses |
| 2023 01 Jan/Feb/March | Holger Streetz – Bathan AG | Improving the Environmental Footprint with High-Performance Greases | Lubricating grease, pelleting, cement, animal feed, food grade lubricants, rock wool, sustainability, carbon emissions, efficiency improvements, operational excellence |
| 2023 01 Jan/Feb/March | Ameneh Schneider - Optimol Instruments | Evaluation of electrical resistance of lubricating greases in various tribological contacts | Electrical contact resistance in situ, Standard Methods, EP, Fretting, Rolling movement, Temperature effect |
| 2023 01 Jan/Feb/March | Erik Willett - Functional Products | Tacky Polymer-Modified H1 Greases and their Low Temperature Fluidity | Grease, polymer, low temperature fluidity, tackiness, US Steel Mobility, consistency |
| 2022 04 Oct/Nov/Dec | Vasilios Bakolas - Schaeffler Technology | Estimation of the Global Energy Consumption of Bearings | Rolling element bearings, power losses, energy consumption, calculation methods. |
| 2022 04 Oct/Nov/Dec | Verena Leeuman - Setral | Titanium Dioxide – Its Tribological Behaviour and Suitable Alternatives in Lubricants | TiO ₂ , titanium dioxide, tribological influence, suitable alternatives, nanoparticle, regulatory changes, chloride process, sulfate process |
| 2022 03 July/Aug/Sept | Inge Herrmann - VSI | Different Dimensions of Sustainability | Sustainability, Carbon, Methodology, Carbon footprint, Handprint, Cradle-to-grave |
| 2022 03 July/Aug/Sept | Sevda Şahan - Petrol OFİSİ | Water Resistance and Cold Pumpability Properties of Lithium and Lithium Complex Grease Products | Water resistance, water spray, water washout, penetration, ASTM D1264, ASTM D4049, cold mobility. |
| 2022 03 July/Aug/Sept | Sofia Öberg - 2Probity | Is your food grade lubricant compliant with the Fast-pace changes happening in the EU regulatory landscape | Safe foodstuff, H1, The EU Green Deal, USDA CFR 21, EU Chemical regulations, Pre- and poly-fluoroalkyl substances (PFAS) and Titanium dioxide (TiO ₂) |
| 2022 02 April/May/June | Gareth Fish - Lubrizol | Compositional Effects on the Electrical Properties of Lubricating Greases | Lubricating grease, base oil, thickener, additives, conductivity |
| 2022 02 April/May/June | Sabine Hausmann - Fuchs Petrolub SE Mannheim | European Green Deal and the Impact on Grease Thickeners | European Green Deal, Chemical Strategy on Sustainability, REACH Revision, CLP Revision, Potential Restrictions |
| 2022 01 January/February/March | Chuck Coe - Grease Technology | "Grease Incompatibility: When the Music Stops!" | Compatibility, incompatibility, shear stability, ASTM D6185, thickener, aluminium complex, lithium complex |
| 2022 01 January/February/March | Raimund Stockhammer - SKF Lubrication Systems | Lubricant meets Lubrication Systems. Lubricant Pumpability is the Key for an Effective Partnership in re-Lubrication | Lubricating Greases, Lubricants, Central Lubrication Systems, Pumpability, SKF Grease Pumpability Test, Oil Separation, Flow-Resistance, FTG1, FTG2, FTG3, FTG4, FTG5, FTG6 Rheometer, Rheometer Curves, Lincoln Ventmeter |
| 2022 01 January/February/March | Zhao Ning - Liaoning Haihua Technology | Study on Tribological properties of Semi-fluid Lubricating Grease for the Industrial Robot RV Reducer | Industrial Robot, Precision Reducer, Semi-fluid grease, Grease viscosity, Tribological properties |
| 2021 04 October/November /December | George S. Dodos - Eldon's | Grease R-evolution 21 | sustainability, circular economy, industrial symbiosis, life cycle, energy efficiency, low carbon footprint, biobased, energy saving, e-mobility |
| 2021 04 October/November /December | Jisheng E - GKN Driveline | Science in Practice – A contribution of science to R&D in the grease industry | Interactions between Li-soap, additives and oils Grease formation with two gelling systems |
| 2021 04 October/November /December | Mathias Woydt – Matriub Berlin | Functional traction profile of railway greases by using a continuous variable 2disk machine | slip-rolling, traction, creep rate, slip ratio, 2disk, grease, railway, retentivity, friction, extreme pressure |
| 2021 03 July/August/September | Thomas Litters - Fuchs Schmierstoffe GmbH | DIN-FAM Standardisation Committee for Lubricating Greases – Activities and Projects | Lubricating greases, Testing, Cone penetration, Dropping point, Low temperature, Ageing, Oxidation, Shear viscosity, Yield point, Requirements, Standardisation, DIN standard, DIN committee, FAM ISO standard, Cone penetration, Round robin, Electric properties |
| 2021 03 July/August/September | Matthias Stammler - Fraunhofer IWES | Tests of Oscillating Bearings | Oscillating Bearings, Grease Lubrication, Scaled Tests, Variable Amplitudes, Pitch Bearings |
| 2021 02 April/May/June | Norbert Lübben - (BDL)Bundesverband der Deutschen(Federal Association of the German Aviation Industry) | The economic situation of the air transport industry in times of the Corona pandemic | Air traffic, Covid19 pandemic, green deal |
| 2021 02 April/May/June | Lorraine Segreto, Fabian H. F. Hofmann & Rudolf Schritteser Tribotec GmbH (AT) / Andreas Dodos - Eldon's SA (GR) | Composition of calcium sulfonate grease: Improvement of performance through different additive systems | Calcium sulfonate, overbased, solid lubricants, sulphides, additives, wear, extreme pressure |
| 2021 02 April/May/June | Erik Willett - Functional Products Inc | Do Polymers Affect the Mechanical Stability of Grease? | Mechanical stability, roll stability, shear, polymer additives, grease polymer, consistency, yield |
| 2021 02 April/May/June | Marc Ingram - Ingram Tribology / Matt Smeeth - PCS Instruments / Anup Chalisey - Rail Safety and Standards Board UK | Maintaining safe and quiet railways with "top of rail materials" | Friction, top of rail, flange, creep curves, railway |
| 2021 01 January/February/March | Mathias Woydt – Matriub Berlin | The Importance of Tribology for Climate and Sustainability | Environmentally acceptable lubricants, friction reduction, titanium, nickel, chromium, silicon, manganese, zinc, molybdenum, copper, aluminium, steel, adhesive, coating, sealant |
| 2021 01 January/February/March | Gareth Fish - Lubrizol | Extreme Pressure Performance of Greases: Passive EP Additives | extreme pressure, antimony dithiocarbamate, sulphur compounds, metalworking fluids, calcium sulfonates |
| 2021 01 January/February/March | Andre Adam - Fragol | Old Timers with a Lubricant Heritage | lubricants |
| 2021 01 January/February/March | Aydar Akchurin, F. Xavier Borrás - Tribonet | Online Elastohydrodynamic Film Thickness Calculator | hydrodynamics |
| 2020 04 October/November/December | G.S. Dodos - Eldon's | Navigating the future; Lubrication Grease in marine applications | Renewability, biobased, calcium sulphonate complex, EAL, VGP |
| 2020 04 October/November/December | M. Fathi-Najafi - Nynas Ameneh Schneider - Optimol Instruments; Jinxia Li - Nynas | The impact of viscosity of naphthenic oils and extreme-pressure additives on lubricating greases | Naphthenic oil, lithium grease, lithium complex grease, extreme pressure, tribology, SRV machine, four-ball machine |
| 2020 03 July/August/September | Shamrock Technologies | Regulatory Compliant PTFE Additives for Greases and Lubricants | polytetrafluoroethylene (PTFE), lubricity, high wear resistance, tetrafluoroethylene (TFE), per fluoro octanoic acid (PFOA), polyalphaolefin (PAO). |
| 2020 03 July/August/September | Frederic Espinoux, Nicole Genet, Franck Bardin, Penelope Norridge - TOTAL | When a lively Four-Ball Crescendo takes on a Weld! | four-ball EP test method, extreme pressure, seizure load, weld point, load wear index, grease, mechanical testing, tribology, four-ball method, ASTM D2596. |
| 2020 03 July/August/September | JohanLeckner – Axel Christierson and Fabian Schwack - KTH | Blown' in the wind: How to choose grease for Wind turbine pitch bearings | wind turbine pitch bearings, four-point contact ball bearing, cylindrical roller bearing, pitch bearing grease, false brinelling, fretting corrosion, lithium complex, calcium complex soaps. |
| 2020 01/02 January-June | J. Kaperick - Afton Chemical | The Mythology of Grease – Fact or Fiction? | Additive, testing, sulfur, ZDDP, borate, antioxidant, package, rheology, wear, extreme pressure, oxidation, thermal stability, friction, corrosion |
| 2019 04 October/November/December | E. Georgiou - Falex | Measuring Grease Tackiness Objectively | tackifier, olefin copolymer, adhesion |
| 2019 04 October/November/December | A. Dobler - Technical University Munich | Main influencing parameters on the wear characteristics of grease lubricated hard-soft gear pairings | mining, molybdenum, hypoid gears, life prediction methods, abrasive wear, lapping. |
| 2019 04 October/November/December | G. S. Dodos - Eldon's | Performance assessment of different bio-based & biodegradable ester base oils on lubricating grease performance | Ester, hydrolytic stability, biobased, renewable, EAL |
| 2019 03 July/August/September | Florian Pape - University of Hannover | Application of graphene in rolling element bearings | Graphene, dry lubrication, angular contact ball bearings, oscillating movement, rolling element bearings |
| 2019 03 July/August/September | Ken Hope - Chevron Phillips | mPAO Advantages in lithium, polyurea and aluminium complex greases | aluminium, grease thickeners, low temperature, viscosity, pour point, grease thickeners, automotive, rolling element bearings, constant velocity joints, food grade lubricants |
| 2019 03 July/August/September | Lorraine Segreto - Tribotec | Solid lubricant - interactions with organic additives, performance booster or performance killer | solid lubricant, metal sulfide, organic additive, greases, high performance |
| 2019 02 April/May/June | A. da Costa D'Ambros | Calcium Sulphonate Complex Grease, a Legendary Technology Adapted to Future Requirements | thickener, extreme pressure additives, infra red, rheology, viscosity, mining, graphite, mining, antiwear additives |
| 2019 02 April/May/June | G. Fish | The Development of Lubricating Greases for Wind Turbine Applications | greases, gears, corrosion, maintenance, rust inhibitors, antiwear additives, |
| 2019 02 April/May/June | A. Dodos | Grease Production, CO ₂ Emission ... A New Relationship! | Lubricating grease, Manufacture, Energy, CO ₂ emissions, Carbon footprint, Paraffinic oil, Naphthenic oil, Pressurised reactor, Open kettle |
| 2019 01 January/February/March | Chen Shi Qi - Fujian Universal Oil | A study on properties of Lithium Grease Applied for High Temperature with low noise property | antioxidants, rust inhibitors, low temperature, greases, viscosity, thermal stability |

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| 2019 01 January/February/March | Roland Ardaí - Axel Christiernsson | From soil to plate - Lubricating the entire food processing chain | biodegradable, food grade lubricant, low temperature, greases |
| 2018 04 October/November/December | Alexander Grechin - Setral Chemie | PFPE-greases: modern trends & perspectives | ptfe, low temperature, viscosity, food grade lubricants |
| 2018 04 October/November/December | Joe Kaperick - Afton Chemical | Venit, Vidit, Vicit: Do all roads lead to lithium complex? | greases, rolling bearing, synthetic base stocks, combustion engine oils, extreme pressure additives, antiwear additives, rust inhibitors, infra red |
| 2018 04 October/November/December | Paul Bessette - Triboscience & Engineering | The tribochemical activity of perfluoropolyether lubricants using a spiral orbit tribometer | ptfe, viscosity, vapour pressure, greases, corrosion inhibitor |
| 2018 04 October/November/December | Jisheng E - GKN Driveline | New technology from the 4th industrial revolution | greases, viscosity, low temperature, infra red, emulsifier |
| 2018 04 October/November/December | Simon Eiden - Oel-Waerme-Institut | Development of fast screening method of greases based on different analysis via determination of reaction kinetics | greases, rolling bearings, antioxidants, |
| 2018 03 July/August/September | E. Casserly / S. Springer | The Effect of Base Oils on Thickening and Physical Properties of Lubricating Greases | Naphthenic, base oil, solvency, thickener, aniline point, viscosity index (VI), viscosity-gravity constant (VGC), yield |
| 2018 03 July/August/September | S. Nagar | High Performance Automotive Greases with Enhanced Life and Future Trends | Thickener, Lithium Complex, Life performance, base oil, field trial, GCLB specification & ASTM D 3527 Test Method |
| 2018 03 July/August/September | M. Fathi-Najafi | The Impact of High Viscous Naphthenic Oils in Various Thickener Systems | Naphthenic oil, Solvency power, Lithium greases, Lithium Complex grease, Organophilic Clay grease, Low temperature, Tribology, Rheology |
| 2018 03 July/August/September | G. Fish | Lubricating Greases for Future Vehicles | Grease, vehicles, electrification, hybrid, energy efficiency |
| 2018 03 July/August/September | S. Chatra | Mechanism in rolling/sliding contacts | Grease, polypropylene, TEM, cryo-SEM, microstructure, rolling bearings, lubrication mechanism, nano-particles |
| 2018 02 April/May/June | J. Galary - Nye Lubricants | A new methodology for validating automotive application reliability under fretting conditions | Fretting, Electrical Contact, Connector Lubricant, Grease, Corrosion |
| 2018 02 April/May/June | A. Nevskaya - Dow Silicone | New approach in lubrication for noise and friction reduction in automotive applications | NVH, noise reduction, noise dampening, grease, anti-friction coating, dry lubrication, stick-slip prevention |
| 2018 02 April/May/June | S. Daegling - Shell | Next generation railway axle box greases living longer in tougher conditions! | grease, maintenance, high performance, optimisation, shear stability |
| 2018 01 January/February/March | G. Dodos - Eldon's / M. Fathi - Nynas | Oxidation Stability Parameters as Novel Monitoring Tools for a more robust Grease Production | Oxidation stability, Rapid Small Scale Oxidation Test, grease manufacturing process, monitoring tool |
| 2018 01 January/February/March | G. Diloyan, NIS | Advanced LiX greases with outstanding tribological properties. Comparative study of MoS ₂ , IF-WS ₂ and PTFE solids in LiX greases | ptfe, antiwear additives, extreme pressure additives, greases, friction reducing, molybdenum, friction modifiers |
| 2018 01 January/February/March | O. Hoeger - Shell | Shell Xtl - new base oils push the boundaries of Group III | viscosity, low temperature, volatility, pour point, flash point, engine oils, turbine oils, cleanliness, greases, automotive, constant velocity joints, |
| 2018 01 January/February/March | G. Fish - Lubrizol | Additive Technology to Improve the Grease Making | manufacture, grease, thickener, polymers, viscosity, low temperature, adhesion, thermal stability |
| 2017 04 October/November/December | D. DeVore - Functional Products | Investigation of the high temperature stability of tackifiers | tackifier, high temperature, polymer, lubricant |
| 2017 04 October/November/December | J. Kaperick - Afton Chemical | Complex Issue of dropping point enhancement in grease | greases, dispersants, rheology |
| 2017 03 July/August/September | Y.Gao-Sinopec | The Impact of the Solvency of Naphthenics on the Structure of Lithium Complex Greases | naphthenic base oil, solvency, lithium complex grease |
| 2017 03 July/August/September | A.Nevskaya - Dow Corning | New Phenyl/Fluoro Siloxane Copolymer Fluids. Properties and their use for Innovative Greases | silicones, high temperature applications, greases |
| 2017 03 July/August/September | J.T. Galary Nye - Lubricants | Determination and Analysis of Bearing Corrosion using Machine Vision and Computational Algorithms | EMCOR, Bearing Corrosion |
| 2017 03 July/August/September | L. Jiwei – Sinopec | An Application Study on the Calcium Sulfonate Complex Greases in the Roll Neck Bearings of Hot Rolling Mills | Calcium Sulfonate Complex Grease, performance change, Roll Neck Bearings |
| 2017 02 April/May/June | A.Adam | MOSH and MOAH; a laymen's explanation | N/A |
| 2017 02 April/May/June | K. Holmberg | 2017 Key Speaker: Innovations in Triobology | Product plus Service"-Concepts • Laboratory Test Methods better reflecting the Application• Fill for Life Lubrication• New Additives or Base Oils• Noise Damping Greases• Innovative Grease Packages•Minimum Quantity Lubrication•Dosing and Application Systems |
| 2017 02 April/May/June | J. Leckner | Polypropylene – A novel thickener technology with many surprises | Polymer thickener, Low friction, Long grease life,Lubrication mechanism |
| 2017 02 January/February/March | L. Honary | Innovation in the Manufacturing Biobased Grease Using Microwaves | microwaves, production, aluminium complex greases |
| 2017 01 January/February/March | G. Fish | Technology for sustainable grease development | Lubricating grease; Sustainability, Vegetable oils, Esters, Renewability, Ecolabel |
| 2017 01 January/February/March | J. Bredsguard | Estolides – A high performance validation of grease flow | Sustainability, Renewable, Baseoil, Green Lubricants, Biobased |
| 2017 01 January/February/March | S. Nolan | The Evaluation of oxidation resistance of lubricating greases using the rapid small scale oxidation test RSSOT | Rapid, Small Scale, Oxidation, Testing, RSVOT, Grease |
| 2017 01 January/February/March | E. Parmak | Utilization of cellulose derivatives based oleogels with Biodegradable oils as eco-friendly grease | biodegradable, non-toxic, eco-friendly, grease, cellulose, castor oil, ester |
| 2016 04 October/November/December | Lars G. Westerberg | Modelling and experimental validation of grease flow | Grease flow; micro particle image velocimetry; boundary layer; velocity profile, lubrication; rheology, computational fluid dynamics (CFD); particle motion |
| 2016 04 October/November/December | Siegfried Lucazeau | To what extent do synthetic esters contribute to better sustainability of greases | environmental impact, renewability, durability, safety |
| 2016 04 October/November/December | Peter Pratelli | Maximising environmental grease compounds for extreme high pressure high temperature applications | Environmental thread compound, HPHT, biodegradable, vegetable oil, calcium sulfonate complex grease |
| 2016 03 July/August/September | D. Liu Petrochina | Calcium Sulfonate Complex Greases - A Solution to Wheel Flange Lubrication | Wheel flange lubrication, Calcium sulfonate complex grease, Boundary lubrication, Wear |
| 2016 03 July/August/September | Apu Gosalia Fuchs Petrolub | Sustainability in the Grease Industry: Principle – Process – Product | Market breakdown; Sustainability; Carbon foot print reduction; Energy consumption; Future trends. |
| 2016 03 July/August/September | J. Kaperick Afton Chemical | Rust Never Sleeps: An Investigation of Corrosion in Grease Lubrication | Corrosion, Rust, Rust inhibitor, EMCOR, D5969, D1743, D6138, Synthetic seawater, Grease, Grease thickener, Lithium hydroxide, Additive package, Ionic activity |
| 2016 03 July/August/September | J. Persson Axel Christiernsson | Decorate your Chain Saw with Flowers | Bio-Grease, Anhydrous calcium thickener, EU Ecolabel, water contamination, low temperature |
| 2016 02 April/May/June | George Dodos | Valorisation of used cooking oil for the production of sustainable lubricating greases | Biobased lubricating greases, used cooking/frying oil, sustainability, green chemistry, environmentally acceptable lubricants |
| 2016 02 April/May/June | Jon Evans | An advanced technique for evaluating oxidation effects on grease wear resistance | oxidation, wear |
| 2016 02 April/May/June | Sara Rovinetti | New greases based on partially fluorinated lubricants (PFPE-PAGs) | fluorinated additive, fluorinated grease |
| 2016 02 April/May/June | Yakov Epshteyn | Spherical molybdenum disulfide (SMD) in friction applications | Molybdenum disulfide, spherical molybdenum disulfide, lubrication, friction, wear, brake pads |
| 2016 01 January/February/March | J-P. Stemplinger | Energy efficiency of grease lubricated gearboxes | Gears, Lubricants, Greases, Efficiency |
| 2016 01 January/February/March | D. DeVore | The Effect of Polymer Additives on Grease Flow Properties | Polymer, Additive, Tackifier, Spray Off, Wash Out |
| 2015 04 October/November/December | J. Kusak | Case studies in lubricating grease energy efficiency | Grease, Energy Efficiency, Sustainability |
| 2015 04 October/November/December | S. Daegling | Reducing energy losses in electrical motors – previously unrecognised “low-hanging fruits | Energy efficiency, electric motor, bearing, friction, efficiency testing |

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| 2015 04 October/November/December | A. Igartua | Lubrication for vacuum & space applications | Vacuum, Lubricants, greases, ultrahigh vacuum, tribometer, space, equipments |
| 2015 04 October/November/December | R. Zhang | Improvement on performance of overbased calcium sulfonate complex grease | grease, calcium sulfonate complex grease, antiwear, extreme-pressure, oleate, overbased, thickener |
| 2015 04 October/November/December | N.K. Pokhriyal | "Structure – property" correlation of polymeric greases | |
| 2015 03 July/August/September | J. Leckner | Energy efficiency and lubrication mechanisms of polymer thickened greases | Polymer thickener, Low friction, Long grease life |
| 2015 03 July/August/September | Y. Epshteyn | Lubrication properties of Spherical Molybdenum Disulfide (SMD) in greases | Molybdenum disulfide (MoS ₂), solid lubricants, Spherical Molybdenum Disulfide (SMD), greases, spray dryer, liquid, binder, dispersant, ASTM D 2596, ASTM D 2266, coefficient of friction, wear, extreme pressure (EP) |
| 2015 03 July/August/September | A. Medzhbovskiy | Energy aspects of lubricants development with regard to the entropy of the resulting system | Entropy, grease, additives, lubricants, tribology |
| 2015 03 July/August/September | W. Stehr | Yield stress and static friction. A tribological examination of a rheological property | yield stress, tribological, friction, static |
| 2015 02 April/May/June | G. Fish | The development of energy efficient greases | Lubricating Grease, Energy efficiency, Friction, Wear, Testing, Bearings |
| 2015 02 April/May/June | J. Kaperick | Screen Test - Improvement on performance on overbased calcium sulfonate complex greases | Screen tests: Identifying the 'Good Actors' in Your High Temperature Grease Formulation - Keywords Statistical model High temperature grease FAG FE9 Grease life Lithium complex Weibull DIN 51821 Dropping point Mini Traction Machine Oscillatory rheometer Yield point Modulus Bearing torque Shear stress Aged grease Churning phase Bleeding phase Screening design ASTM D3527 PDSC Oxidation Degradation ASTM D2893 S200 |
| 2015 02 April/May/June | G. Yanqing | Grease solutions for the lubrication of truck wheel bearing | truck wheel bearing, grease static test, dynamic test, vehicle road test, solution |
| 2015 02 April/May/June | S. Nagar | Energy efficiency through sulphonate complex greases in industrial applications | Energy efficiency, Sulphonate Complex Grease, Titanium Complex Grease, SRV Test, Continuous Caster System |
| 2015 01 January/February/March | J. Wilkinson | Challenging Conventional Wisdom: Is 12-Hydroxystearic Acid the best fatty acid for making high dropping point lithium greases? | |
| 2015 01 January/February/March | J. Kaperick | Lost your Bearings? Navigation tools for high temperature bearing grease formulations | Structural stability, Thermal stability, High temperature grease, Grease thickener, Oscillatory rheometer, Dropping point, ASTM D2265, Shear stress, Yield point, Storage modulus, High Frequency Reciprocating Rig (HFRR), Mini Traction Machine (MTM), FAG FE9, Tribofilm, Pressure Differential Scanning Calorimeter (PDSC) ASTM D2893 Bearing torque Coefficient of friction Oxidative stability Tribolayer Rheology |
| 2015 01 January/February/March | C. Shi Qi | A study on properties of Diurea Greases applied for high temperature use | Urea grease, Ether oil, Grease life, Thin film evaporation; Wide temperature range application |
| 2015 01 January/February/March | G. Diloyan | Fullerene-like inorganic nanoparticles (IF WS ₂) Novel grease EP additive | Lubricant, EP additive, Inorganic fullerenes, nanomaterials, nanoparticles, tungsten disulfide, nano grease, |
| 2014 04 October/November/December | R. Abrahams | Comparative study on the effect of mineral oils with different degrees of refining on the high and low temperature tribological and rheological behaviours of greases | naphthenic oil, high temperature, mini-traction machine, rheology |
| 2014 04 October/November/December | D. Gartz | Alkylated Naphthalenes | High temperature, synthetic base oils |
| 2014 04 October/November/December | G. Fish | Grease additives for high temperature bearing applications | Grease; Bearing; High Temperature; Industrial Testing |
| 2014 04 October/November/December | M. Maaß | Advanced lubrication of steel mill components: A solution for extreme conditions | |
| 2014 03 July/August/September | G. Dodos | A new approach for measuring oxidation stability of lubricating greases | Greases, Oxidation stability, Test method, Rapid Small Scale Oxidation Test (RSSOT), Oxygen pressure vessel method (Norma - Hoffman), FTIR |
| 2014 03 July/August/September | A. Nevskaya | Silicone base fluids for high temperature lubricants | Silicones, greases, high temperature, bearings |
| 2014 03 July/August/September | R.L. Burkhalter | Innovative engineering design facilitates plant construction | Production Plant, Engineering, 3D Computer Model, Cost Reduction |
| 2014 03 July/August/September | R. Westbroek | Upper operating temperature of grease: Too hot to handle? | Upper Operating Temperature Grease; Rheometer; Rolling Bearing Assembly |
| 2014 02 April/May/June | B. Johnson | Grease use, insights, and perspectives from the Palo Verde Nuclear Generating Station | heat exchanger, generator, nuclear power, radiation resistant grease, base oil viscosity increase, thickener scissioning |
| 2014 02 April/May/June | S. Raadnu | A centrifiltergram maker for solid debris separation from used grease samples as for predictive and proactive maintenance of greased lubricated bearings | Predictive and Proactive Maintenance, Wear Debris Analysis |
| 2014 02 April/May/June | S. Lucazeau | Combination of novel antioxidant system and thermally stable esters for high temperature greases. New components for improved high temperature greases | grease, fluid, neopolyol ester, anti-oxidant, high temperature, thermogravimetry, inorganic thickener, evaporation, oxidation, coking, chain oil |
| 2014 02 April/May/June | A. Adam | The future of lubricants in food production | N/A |
| 2014 02 April/May/June | S. Hausmann | Update on CLP Implementation | N/A |
| 2014 02 April/May/June | R. Zhang | Synergistic combination of DMTD derivatives with organo-moly as EP additives in greases | grease, extreme pressure, glycol, polyglycol, 2,5-dimercapto-1,3,4-thiadiazole, DMTD dimer, molybdenum dithiophosphate, antiwear agents, friction reducing agent, testing |
| 2014 01 January/February/March | P. Lugt | The grease lubrication mechanisms in rolling bearings | Rolling Bearings; Seal; Grease lubrication; Lubrication systems |
| 2014 01 January/February/March | M. Adams | Friction, wear & extreme pressure properties of Lubricating greases at sub-zero temperatures to -40°C | friction, wear, pressure, fretting low temperature |
| 2014 01 January/February/March | A. Kumar | Enhancing water resistant properties of bio-based greases | Lubricating grease, bio-based, canola oil, lithium 12-hydroxy, lithium complex, aluminium complex, lithium-calcium, water washout, water spray off |
| 2013 04 October/November/December | L. Segreto | New solid lubricants for greases | Bearing, Extreme Pressure, Fluid, Grease, Solid Lubricant |
| 2013 04 October/November/December | J. Kaperick | Copper corrosion in grease: My two cents worth | Bearing, Ester, Extreme Pressure, Grease, Testing |
| 2013 04 October/November/December | D. Morgan | Critical variables in lithium complex grease manufacturing | Fluid, Grease, Industrial, Metal Soap Thickener, Mineral Oil |

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| 2013 03 July/August/September | G. Fish | Calcium sulfonate answers to water issues | Bearing, Ester, Extreme Pressure, Fluid, Food Grade, Grease, High Temperature, Industrial, Low Temperature, Mineral Oil, Roll Stability, Shear Stability |
| 2013 03 July/August/September | D. Authier | Calcium sulfonate carbonate greases: a solution to water resistance | Automotive, Bearing, Biodegradable, Environment, Extreme Pressure, Fluid, Grease, High Temperature, Industrial, Mechanical Stability, Mineral Oil, Roll Stability, |
| 2013 03 July/August/September | J. Leckner | Grease + Water = Fatal Attraction? | Bearing, Biodegradable, Environment, Extreme Pressure, Grease, Industrial, Low Temperature, Mechanical Stability, Roll Stability, Testing |
| 2013 03 July/August/September | D. Vargo | Polymers to enhance the water spray-off performance of greases as measured by ASTM D4049 | Bearing, Biodegradable, Environment, Ester, Fluid, Glycol, Grease, High Temperature, Mineral Oil, Polyglycol, Shear Stability, Vegetable Oil |
| 2013 02 April/May/June | E.M. Stempfel | Biodegradable Lubricating Greases 20 Years Ago vs. Today | Bearing, Biodegradable, Environment, Ester, Fluid, Food Grade, Glycol, Grease, Low Temperature, Mineral Oil, Vegetable Oil |
| 2013 02 April/May/June | C. Coe | 2011 NLGI Grease Production Survey | Fluid, Grease |
| 2013 02 April/May/June | D.A. Pierman | Main Bearing Lubrication for Wind Turbines. A Systematic Approach for Grease Selection | Bearing, Elastohydrodynamic, Environment, Extreme Pressure, Grease, Low Temperature, Shear Stability |
| 2013 01 January/February/March | P. Robinson | Understanding the additive requirements for formulating a high performance ecolabel grease | Bearing, Biodegradable, Environment, Ester, Extreme Pressure, Grease, Industrial, Low Temperature, Testing, Vegetable Oil |
| 2013 01 January/February/March | P. Bessette | Testing greases to determine their suitability for the long term lubrication of electrical grid circuit breakers | Bearing, Ester, Fluid, Grease, Industrial, Mineral Oil, Testing |
| 2012 04 October/November/December | M. Fathi-Najafi | Low temperature tribology: A study of the influence of base oil characteristics on friction behaviour under low temperature conditions | Automotive, Bearing, Boundary Lubrication, Ester, Fluid, Grease, High Temperature, Low Temperature, Mineral Oil, Rheology, Synthetic Oil, Testing |
| 2012 04 October/November/December | E. Kuhn | Friction and wear process within grease film | Bearing, Grease, Wind Power |
| 2012 04 October/November/December | D. Hesse | Specialty lubricants tailored for current and future brake system components | Automotive, Environment, Ester, Fluid, Glycol, Grease, High Temperature, Low Temperature, Mineral Oil, Safety, Shock Load, Solid Lubricant |
| 2012 03 July/August/September | J-P. Stemplinger | Wear behaviour of grease lubricated gears | Fluid, Grease, Mineral Oil, Solid Lubricant |
| 2012 03 July/August/September | M. Sommer | Influence of grease components on the tribological behaviour of rubber seals | Bearing, Glycol, Grease, Hydrodynamic, Mineral Oil, Polyglycol |
| 2012 03 July/August/September | A. Orendorz | Surface analysis – A powerful tool in the development and testing of new lubricants | Bearing, Grease, Testing |
| 2012 02 April/May/June | J. Spagnoli | False Brinelling Test (Riffel) for Wind Turbine Grease | Grease, Bearing, Shock Load, Testing |
| 2012 02 April/May/June | P. Whitehead | The financial implications of data generation for chemical registration under REACH | Environment, Grease, REACH, Substance Registration |
| 2012 02 April/May/June | K.-J. Minis | Future of the grease market in Germany | Automotive, Bearing, Environment, Fluid, Food Grade, Grease, Industrial, Low Temperature, REACH, Solid Lubricant |
| 2012 01 January/February/March | F. Herrero, G. Fish, W.C. Ward | Extreme Pressure Performance of Greases | Bearing, Extreme Pressure, Grease, High Temperature, PFPE, Rheology, Solid Lubricant |
| 2012 01 January/February/March | J. P. Kaperick, J. Guevremont, K. Hux | A Study of Friction Modifiers in Grease | Bearing, Ester, Extreme Pressure, Fluid, Grease, Solid Lubricant, Testing |
| 2011 04 October/November/December | P. M. Lugt, A. van den Kommer, H. Lindgren, C. Roth | The ROF+ methodology for grease life testing | Bearing, Elastohydrodynamic, Ester, Grease, High Temperature, Hydrodynamic, Industrial, Low Temperature, Mineral Oil, Testing |
| 2011 04 October/November/December | S. Rovinetti, M. Avataneo, M. Beltramin, G. Boccaletti, V. Carsetti, G. Marchionni, F. Riganti, A. Russo | The new frontier of fluorinated lubricants | Bearing, Environment, Fluid, Grease, High Temperature, Low Temperature, PFPE, Rheology |
| 2011 03 July/August/September | M. Jungk | Comparison testing of solid lubricants as dispersion, grease, paste and powder | Bearing, Boundary Lubrication, Environment, Fluid, Grease, High Temperature, Industrial, Low Temperature, Mineral Oil, Safety, Solid Lubricant, Testing |
| 2011 03 July/August/September | A. Medzhibovskiy | Specifics of energetic effect of anti-wear additives (friction modifiers) in lubricants | Grease, Testing |
| 2011 03 July/August/September | L. Honary | A status update on manufacturing biobased grease with microwaves | Biodegradable, Grease, High Temperature, Industrial, Mineral Oil, Synthetic Oil, Vegetable Oil |
| 2011 02 April/May/June | D. Devore; S. Wang | A Study of polymer additives in mineral oil and vegetable oil-based | Bearing, Biodegradable, Environment, Ester, Fluid, Grease, High Temperature, Mineral Oil, Shear Stability, Vegetable Oil |
| 2011 02 April/May/June | P. Bessette | The advantages and disadvantages of attenuated total reflectance, ATR, infrared spectroscopy | Ester, Fluid, Grease, Inorganic Thickener, Organic Thickener, PFPE, Testing |
| 2011 02 April/May/June | S. Hausmann | Grease Thickeners - REACH registration progress (ERGTECF) | Environment, Grease, Mineral Oil, REACH, Safety, Substance Registration, Testing |
| 2011 02 April/May/June | P. Boogaard | Toxicity of lithium salts - how bad are they? (ERGTECF) | Environment, GHS, Grease, Health, REACH, Safety, Substance Registration |
| 2011 02 April/May/June | E. Rushton | Classification and labelling of products (CLP ERGTECF) | CLP, Environment, GHS, Grease, Health, REACH, Safety, Substance Registration |
| 2011 01 January/February/March | M. Fiedler | Complexity of tribological characterizations illustrated with poly-alpha-olefin grease | Biodegradable, Ester, Grease, Metal Soap Thickener, Testing |
| 2011 01 January/February/March | B. Koch, T. Litters, N. Zaki | Influence of base oil polarity and thickener type on visco-elastic properties. Investigations with strain sweep rheometry at +25 °C and +80 °C | Automotive, Bearing, Environment, Ester, Fluid, Glycol, Grease, Low Temperature, Mineral Oil, Organic Thickener, Polyglycol, Rheology, Synthetic Oil, Testing |
| 2010 04 October/November/December | O.A. Makedons'ky | Grease market in Ukraine | Automotive, Ester, Fluid, Grease, Industrial |
| 2010 04 October/November/December | M. Kuhn, P. Staub, M. Schweigkofler, A. Orendorz | Tribolayer - lubricant additives protecting against wear | Bearing, Elastohydrodynamic, Ester, Glycol, Grease, High Temperature, Polyglycol, Testing |
| 2010 04 October/November/December | L. Honary | Microwave based grease manufacturing - Now a reality | Biodegradable, Grease, High Temperature, Industrial, Mineral Oil, Safety, Synthetic Oil, Testing, Vegetable Oil |
| 2010 03 July/August/September | E. Kuhn, M. A. Delgado Canto | Description of the structural degradation of lubricating greases as a reaction of th tribological system | Grease, Mineral Oil, Rheology, Shear Stability, Testing |
| 2010 03 July/August/September | Y.L. Ishchuk, O.A. Mishchuk, O.O. Makedons'ky, A.V. Shaposhnyk, A.V. Bogaichuk | Lubrication properties of high performance greases for various applicaitons: ratings of efficiency | Automotive, Bearing, Boundary Lubrication, Ester, Extreme Pressure, Grease, Hydrodynamic, Industrial, Mineral Oil |
| 2010 02 April/May/June | E. Kuhn | Some comments about the tribology of lubricating greases | Grease, Rheology, Shear Stability, Testing |
| 2010 02 April/May/June | P. Logvinenko, B. Volodymir, S. Riabov, P. Bolgarin | Technological Lubricant based on rapeseed oil, products and wastes of its reprocessing | Biodegradable, Fluid, Grease, Vegetable Oil, Testing |

| Date Publication | Author(s) | Title | Key Words |
|-----------------------------------|---|--|---|
| 2010 01 January/February/March | M. Jungk | Anti-friction as supplement to grease or oil lubrication | Environment, Fluid, Grease, Hydrodynamic, Industrial, Safety, Solid Lubricant |
| 2010 01 January/February/March | H. Adolph, T. Litters | Determination of the low temperature performance of lubricating greases - correlation of methods | Automotive, Aviation, Bearing, Ester, Fluid, Glycol, Grease, Inorganic Thickener, Low Temperature, Mineral Oil, Organic Thickener, Rheology, Testing |
| 2009 04 October/November/December | V. Serra-Holm | The changes in the global base oil market and their potential impact on the grease industry | Automotive, Grease, Industrial, Low Temperature |
| 2009 04 October/November/December | R. Zhang | Development and characterisation of high performance overbased calcium oleate complex grease | Bearing, Environment, Extreme Pressure, Food Grade, Glycol, Grease, Health, Low Temperature, Mechanical Stability, Mineral Oil, Roll Stability, Shear Stability, Testing, Vegetable Oil |
| 2009 04 October/November/December | G. Fish | Development of greases with extended grease and bearing life | Automotive, Bearing, Boundary Lubrication, CLP, Elastohydrodynamic, Environment, Ester, Extreme Pressure, Fluid, Grease, Health, High Temperature, Hydrodynamic, Industrial, Safety, Testing |
| 2009 03 July/August/September | P.-O. Larsson-Kråk | Get your grease prize being grease wise | Automotive, Bearing, Boundary Lubrication, Elastohydrodynamic, Environment, Grease, Hydrodynamic, Industrial, Low Temperature, Rheology |
| 2009 03 July/August/September | L. Honary | New developments in biobased and conventional grease manufacturing processes | Fluid, Grease, High Temperature, Industrial, Low Temperature, Mineral Oil, Synthetic Oil, Testing, Vegetable Oil |
| 2009 03 July/August/September | C. Coe | Shouldn't grease upper operating temperature claims have a technical basis? | Automotive, Bearing, Fluid, Grease, High Temperature, Safety, Testing |
| 2009 02 April/May/June | A. Begg; P.M. Lugt; F.C.M. Fiddelaers | SKG grease knowledge and sustainability | N/A |
| 2009 02 April/May/June | E. Nehls; T. Habereeder | Additive systems for biodegradable greases, according to European Ecolabel | Biodegradable, CLP, Environment, Ester, Extreme Pressure, Fluid, Grease, Health, Low Temperature, Metal Soap Thickener, Mineral Oil, Vegetable Oil |
| 2009 02 April/May/June | P. Whitehead | REACH update and current activities | Environment, Grease, Health, REACH, Safety |
| 2009 01 January/February/March | R.I. Popovici; D.J. Schipper | Modelling contact phenomena and those influenced by greases | N/A |
| 2009 01 January/February/March | S. Bots; P. Weismann | Used grease analysis; smallest sample volume provides detailed information | N/A |
| 2009 01 January/February/March | E. Gorritategi; J. Terradillos; A. & E. Aranzabe; A. Amaiz; | Novel method for lube quality status assessment based on visible spectrometric analysis | N/A |
| 2008 04 October/November/December | G. Fish; W.C. Ward Jr.; F. Qureshi | Influence of components blended to a target base oil viscosity on liquid phase and lithium grease properties | Automotive, Bearing, Elastohydrodynamic, Environment, Ester, Fluid, Grease, Hydrodynamic, Industrial, Low Temperature, Mechanical Stability, Rheology, Roll Stability, Testing |
| 2008 04 October/November/December | P.A. Guarda; F. Riganti; G. Marchionni; A. Di Meo | Linear PFPE oils with improved thermal stability | Fluid, Grease, High Temperature, Low Temperature, PFPE |
| 2008 04 October/November/December | M. Jungk; D. Drees; S. Achanta | Grease tackiness/adhesion | Ester, Fluid, Grease, Industrial, Mineral Oil, Rheology, Silicone Oil, Solid Lubricant, Solid Lubricant |
| 2008 03 July/August/September | V. Serra-Holm | Naphthenic bright stocks: tomorrow's possibility or today's reality? | Automotive, Bearing, Fluid, Grease, Industrial, Rheology, Shear Stability |
| 2008 03 July/August/September | M. Grebe | Various influencing factors on the development of standstill marks (false brinelling effect) | Bearing, Grease, Industrial, Low Temperature, Testing |
| 2008 03 July/August/September | C.R. Coe | Development and field testing of a heavy duty synthetic polyurea grease | Bearing, Elastohydrodynamic, Fluid, Food Grade, Grease, High Temperature, Hydrodynamic, Mineral Oil, Testing |
| 2008 02 April/May/June | P. Teixeira Gomes | Lubricant & grease market in Portugal | Environment, Food Grade, Grease, Industrial |
| 2008 02 April/May/June | J.-C. Dufour | The European lubricants market | Automotive, Fluid, Grease, Industrial |
| 2008 02 April/May/June | S. Nolan | Evaluation of low temperature properties of lubricating greases for centralised systems | Bearing, Fluid, Grease, Low Temperature, Rheology, Testing |
| 2008 01 January/February/March | M. Jungk | Silicone oil based greases - a new approach | Bearing, Environment, Ester, Extreme Pressure, Fluid, Grease, Industrial, PFPE, Silicone Oil |
| 2008 01 January/February/March | M. Bichler | The new "MoreQuiet" grease noise evaluation system: the best of two worlds | Bearing, Ester, Grease, Industrial, Testing |
| 2007 04 October/November/December | A. Williams | Creating a lithium based aircraft wheel bearing grease | Bearing, Environment, Fluid, Grease |
| 2007 04 October/November/December | H. Adolph; P. Bartl | Compatibility and interchangeability of NATO-Greases | Aviation, Bearing, Ester, Grease, Low Temperature, Metal Soap Thickener, Mineral Oil, Roll Stability, Safety, Testing |
| 2007 04 October/November/December | A. Bessette | The amount of PTFE in perfluoropolyether grease by the enthalpy of fusion | Bearing, Environment, Fluid, Food Grade, Grease, PFPE, Rheology, Testing |
| 2007 03 July/August/September | E. Kuhn | Influence of the soap content of lubricating greases on the tribological process | N/A |
| 2007 03 July/August/September | A. Swallow; J. Spenceley | Globally harmonised system (GHS) for the classification and labelling of chemicals | CLP, Environment, GHS, Grease, Health, REACH, Safety, Substance Registration, Testing |
| 2007 03 July/August/September | E. Kobylansky; H. Kravchuk; Y. Ishchuk; O. Oliynykov | Overbased phenolate complex greases | Grease, High Temperature, Metal Complex Soap Thickener |
| 2007 02 April/May/June | G. Gow, M. Fathi-Najafi, M. Kruse | REACH-free lubrication with a novel polymer thickened lubricant | Bearing, Environment, Ester, Fluid, Food Grade, Glycol, Grease, Health, High Temperature, Low Temperature, Mechanical Stability, Mineral Oil, REACH, Rheology, Roll Stability, Shear Stability, Shock Load, Substance Registration, Synthetic Oil, Testing, Vegetable Oil, Wind Power |
| 2007 02 April/May/June | V. Serra-Holm | Super heavy naphthenics: additive or base oil? | Bearing, Fluid, Grease, Rheology, Shear Stability, Solid Lubricant |
| 2007 02 April/May/June | L.A.T. Honary | Biobased greases and lubricants: technology advances and market opportunities | Automotive, Biodegradable, CLP, Environment, Ester, Fluid, Food Grade, Grease, Health, Industrial, Low Temperature, Testing, Vegetable Oil |
| 2007 01 January/February/March | W. Ewald, T. Lange, S. Dörr, J. Moilanen | Impact of various base oils on the low temperature properties of lithium greases | Bearing, Ester, Fluid, Grease, Low Temperature, Mineral Oil |
| 2007 01 January/February/March | A. Williams | Aircraft greases - expectations - requirements - areas of effect | N/A |
| 2007 01 January/February/March | T. Litters, G. Jacobs | Modern terephthalate greases, a renaissance? | Automotive, Bearing, Ester, Grease, High Temperature, Hydrodynamic, Low Temperature, Metal Soap Thickener, Testing |
| 2006 04 October/November/December | Test Methods Working Group (TMWG), D. Miller | Comparison of standards | N/A |
| 2006 04 October/November/December | V.M.M. B da Mota, L.A.A. Ferreira | Experimental investigations on rolling contact fatigue of artificially dented surfaces under grease elastohydrodynamic lubrication | Bearing, Elastohydrodynamic, Grease, Hydrodynamic, Industrial |

| Date Publication | Author(s) | Title | Key Words |
|-----------------------------------|---|--|--|
| 2006 04 October/November/December | M. Fathi Najafi, S. Breum Hansen | Keeping it simple is probably the best: thread compound development for the on - and offshore industry | Biodegradable, Environment, Ester, Extreme Pressure, Grease, Mineral Oil, Testing |
| 2006 04 October/November/December | Jisheng E, G. Fish, S. Rosenkranz, F. Reher | Comparison between PDSC and oxygen bomb test methods for evaluation of grease oxidation stability | Fluid, Grease, High Temperature, Industrial, Mineral Oil, Synthetic Oil, Testing |
| 2006 03 July/August/September | R. Vanecek | Eastern European grease market | Automotive, Ester, Grease, Industrial |
| 2006 03 July/August/September | W.J. Bartz | Tribological aspects of wind energy plants | Bearing, CLP, Environment, Fluid, Grease, Low Temperature, Mineral Oil, Wind Power |
| 2006 03 July/August/September | J. Terradillos; M. Bilbao; J.I. Ciriá; A. Malaga; J. Ameye | Oil analysis as an improvement tool for the behaviour of wind turbine gears: main problems detected through the condition of the lubricant | Bearing, Biodegradable, Elasto-hydrodynamic, Ester, Extreme Pressure, Fluid, Grease, Health, High Temperature, Hydrodynamic, Industrial, Mineral Oil, Synthetic Oil, Testing, Wind Power |
| 2006 02 April/May/June | S. Harley | A guide to REACH for ELGI members | Environment, GHS, Grease, Health, REACH, Safety, Substance Registration, Testing |
| 2006 02 April/May/June | M. Morris | REACH grease consortium | GHS, Grease, REACH, Substance Registration |
| 2006 02 April/May/June | S. Harley | REACH - an update on the forthcoming regulation | Automotive, Environment, Ester, GHS, Grease, Health, Industrial, REACH, Safety, Substance Registration, Testing |
| 2006 02 April/May/June | G. Gow | Implications of REACH from a grease producer's perspective | Environment, Fluid, Grease, Health, Industrial, REACH, Safety, Substance Registration, Testing |
| 2006 02 April/May/June | A. Swallow | Eco-lab: how do esters match up? | Biodegradable, CLP, Environment, Ester, Fluid, Grease, Health, High Temperature, Low Temperature, Vegetable Oil |
| 2006 01 January/February/March | A. Swallow; J. Eastwood | Selection criteria of esters in environmentally acceptable greases | N/A |
| 2005 06 November/December | J. Deelen | Flexible containerised module system for grease production | Grease, Industrial |
| 2005 06 November/December | C.F. Kernizan; S.J. Nolan; P.S. Greenfield; C.L. Hollingshurst | Desiccated lithium - a novel saponification agent for lithium soap grease manufacture | Grease, Metal Soap |
| 2005 06 November/December | J.S. Kay, P.E. Morgan; D. Morgan | Evaluation of various raw material options for producing aluminium complex greases | Grease, Mechanical Stability, Rheology, Testing |
| 2005 05 September/October | P.A. Bessette | Some insights regarding the filtration of lubricating grease | Bearing, Environment, Ester, Fluid, Grease |
| 2005 05 September/October | A. Arranzabe et al | Comparing different analytical techniques to monitor lubricating grease degradation | Bearing, Biodegradable, Grease, High Temperature, Testing |
| 2005 05 September/October | J. Zuleeg | Prediction of stick-slip behaviour with the aid of the oscillation friction wear tester SRV | Ester, Grease, Hydrodynamic, Testing |
| 2005 04 July/August | E. Kuhn; V. Kapoor; T. Rieling | Deformation tests with model greases using a rheometer | Bearing, Fluid, Grease, Testing |
| 2005 04 July/August | L. Hughes; A. Swallow | A Study of the possible impact of REACH for an automotive grease manufacturer | Automotive, CLP, Environment, Ester, Fluid, Grease, REACH, Safety, Substance Registration, Testing |
| 2005 04 July/August | M. Gullaner | To Bi or not to Bi...Bismuth in the soap structure | Bearing, Grease, High Temperature, Mechanical Stability, Roll Stability |
| 2005 04 July/August | B.S. Nagarkoti; S.H. Dalvi; A.K. Jain; B. Rameswar; G. Baskaran | Railroad tapered roller bearing grease | Bearing, Boundary Lubrication, Elasto-hydrodynamic, Environment, Extreme Pressure, Fluid, Grease, High Temperature, Hydrodynamic, Industrial, Low Temperature, Mechanical Stability, Roll Stability, Shear Stability, Solid Lubricant, Testing |
| 2005 03 May/June | M. Morris | European Communities - Lubricants Rco-Label | Automotive, Biodegradable, CLP, Environment, Fluid, Grease, Health, REACH, Safety, Substance Registration |
| 2005 03 May/June | J. Cliff | The UK Grease Market | Automotive, Environment, Fluid, Grease, Industrial |
| 2005 02 March/April | M. E. Hunter; presented by C. van Booma | Synergistic rust inhibitor and EP/AW additives for greases | N/A |
| 2005 01 January/February | J. Eastwood; A. Swallow | Selection of esters in environmentally acceptable greases | N/A |
| 2004 06 November/December | P.A. Bessette | Determining the low temperature properties of grease with a Brookfield Viscometer | N/A |
| 2004 06 November/December | N. van Leeuw | Grease lubricating requirements for centralised lubrication systems in turnkey plants | N/A |
| 2004 05 September/October | P.C. Hamblin; S. Laemlin; P. Rohrbach; J. Reyes-Gavilan; D. Zschech | Evaluation of the thermo-oxidative characteristics of greases by pressurised differential scanning calorimetry | Fluid, Grease, High Temperature, Industrial, Solid Lubricant, Testing |
| 2004 05 September/October | T.W. Dicken | Update of draft AMS-M-99D general purpose airframe grease | Aviation, Fluid, Grease, Industrial, Low Temperature, Safety, Testing |
| 2004 05 September/October | E.M. Stempfelf; M. Baumann | Environmentally acceptable lubricants in railway applications | Environment, Ester, Extreme Pressure, Fluid, Glycol, Grease, High Temperature, Inorganic Thickener, Low Temperature, Metal Soap, Mineral Oil, Organic Thickener, Rheology, Solid Lubricant, Testing, Vegetable Oil |
| 2004 04 July/August | Kobylyansky; Ishchuk; Abramovych; Makedonsky | Nano-technologies in lubricatin materials ideas & prospects | Grease, Industrial, Inorganic Thickener, Mineral Oil, Organic Thickener, Synthetic Oil, Vegetable Oil |
| 2004 04 July/August | H. Ridderikhof | Safety health & environment considerations in the selection & development of base-fluids for industrial lubricants | Biodegradable, CLP, Environment, Ester, Fluid, Glycol, Grease, Health, High Temperature, Industrial, Low Temperature, Mineral Oil, Polyglycol, Safety, Silicone Oil, Vegetable Oil |
| 2004 04 July/August | J.M. Kurosky | Advanced grease compositions for marine, inland waterway & water processing applications | Automotive, Bearing, Environment, Ester, Extreme Pressure, Fluid, Grease, Health, Industrial, Roll Stability, Testing, Vegetable Oil |
| 2004 03 May/June | B. Johnson | The use of a stress rheometer in lieu of cone penetration | CLP, Ester, Grease, Rheology, Testing |
| 2004 03 May/June | P. Maccone | New effective thickener for fluorinated greases | Bearing, Fluid, Grease, Industrial, PFPE |
| 2004 03 May/June | J. Baudner; L. Kanne | Grease concept for the reduction of relubrication quantities in the stell industry | Bearing, Environment, Fluid, Grease, High Temperature, Mechanical Stability, Testing |
| 2004 02 March/April | B. Johnson; J. Ameye | Condition monitoring of anti-oxidant chemistry of in-service bulk greases | Bearing, Environment, Ester; Extreme Pressure, Fluid, Grease, Health, Industrial, Testing |
| 2004 02 March/April | W. Mackwood; R. Muir; K. Brown; T. Austin | Reduction in power plant maintenance using calcium sulfonate complex grease | Bearing, Environment, Ester, Fluid, Food Grade, Grease, High Temperature, Industrial, Low Temperature, Mechanical Stability, Mineral Oil, Roll Stability, Safety, Testing |
| 2004 01 January/February | M. D. Kieke; R.J. Klein | Earth friendly vegetable oil based greases thickened with organophilic clay | Biodegradable, Environment, Ester, Fluid, Food Grade, Glycol, Grease, Industrial, Mineral Oil, Rheology, Vegetable Oil |
| 2004 01 January/February | S. Nolan | Use of a controlled stress rheometer to evaluate rheological properties of grease | Extreme Pressure, Fluid, Grease, High Temperature, Industrial, Low Temperature, Mechanical Stability, Mineral Oil, Rheology, Shear Stability, Testing, Vegetable Oil |

| Date Publication | Author(s) | Title | Key Words |
|---------------------------|---------------------------------------|---|--|
| 2003 06 November/December | V. Serra-Holm | Life cycle assessment (LCA) from cradle to gate of mineral and vegetable base oils used in the production of lubricants | Environment, Grease, Health, Vegetable Oil |
| 2003 06 November/December | A. Willing | Environmental classification of formulations according to the dangerous preparations directive (99/45/EEC) | Biodegradable, Environment, GHS, Grease, Health, Safety, Substance Registration, Testing |
| 2003 05 September/October | M. Jungk | What have silicones & perfluoropolyethers in common? | Bearing, Environment, Ester, Extreme Pressure, Fluid, Glycol, Grease, High Temperature, Industrial, Mineral Oil, PFPE, Polyglycol, Silicone Oil, Solid Lubricant, Synthetic Oil |
| 2003 05 September/October | R. Luther | Lubricating greases & the environment: viewpoints on actual European legislation | Bearing, Biodegradable, Environment, Ester, Fluid, Grease, Health, Industrial, Mineral Oil, REACH, Safety, Testing |
| 2003 04 July/August | O. Makedonsky | Structure and physico-chemical properties of overbased calcium sulfonate complex greases | Environment, Fluid, Grease, Safety, Synthetic Oil |
| 2003 04 July/August | J. Hirigoyen; E. Gard | Tribological properties of fullerene type additives, the astralenes, shown in comparison with standard solid lubricants in a lithium grade 2 standard grease | Bearing, Ester, Fluid, Grease, Hydrodynamic, Industrial, Solid Lubricant, Testing |
| 2003 03 May/June | A. Feßenbecker | Environmentally acceptable lubricants: an additive point of view | Automotive, Bearing, Biodegradable, CLP, Environment, Ester, Fluid, Glycol, Grease, Health, Industrial, Low Temperature, Mineral Oil, Rheology, Safety, Testing, |
| 2003 03 May/June | J. Cliff | The Austrian grease market | Automotive, Ester, Grease, Industrial |
| 2003 02 March/April | A. Aranzabe Garcia | The application of micro technologies in condition monitoring of grease in centralised systems | Bearing, Environment, Fluid, Grease, Industrial, Rheology, Testing |
| 2003 02 March/April | O. Rohr | Preformed soap as thickener and EP-additive for grease production | Automotive, Aviation, Bearing, Ester, Extreme Pressure, Food Grade, Grease, Low Temperature, Mineral Oil, Roll Stability, Vegetable Oil |
| 2003 01 January/February | J. Kurosky; S. Mehdi; V. Zanfir | Grease compatibility or performance dilution? | Automotive, Aviation, Extreme Pressure, Fluid, Grease, Low Temperature, Safety, Shear Stability, Testing |
| 2003 01 January/February | W. Mackwood | Calcium sulfonate complex grease: the next generation food machinery grease | Bearing, Environment, Ester, Extreme Pressure, Fluid, Food Grade, Grease, Low Temperature, Mechanical Stability, Mineral Oil, Roll Stability, Safety, Shock Load, Testing |
| 2002 06 November/December | S. Broersen | LubeSelect: bearing lubricant selection tool | Bearing, Environment, Grease |
| 2002 06 November/December | E. Kuhn; T. Schmidt | Investigation into the cohesion behaviour of lubricating greases with a new pendulum tribometer | Bearing, Grease, Mineral Oil, Testing |
| 2002 05 September/October | L. Muntada | The lubricant market in Spain | Automotive, Aviation, Bearing, Biodegradable, Environment, Ester, Fluid, Grease, Industrial, Mineral Oil |
| 2002 05 September/October | J. S. Kay; R.S. Panesar | Optimising the manufacture of lithium grease with the Stratco contactor reactor | Grease, Mechanical Stability, Shock Load |
| 2002 04 July/August | S. Peters | European dangerous preparations directive (DPD) 1999/45/EC and its influence on labelling | CLP, Environment, Fluid, Grease, Health, Industrial, Safety, Substance Registration |
| 2002 04 July/August | J. Eastwood | EC dangerous preparations directive (DPD) application to greases and ingredients | Biodegradable, CLP, Environment, Ester, Fluid, Glycol, Grease, Health, Industrial, Metal Soap Thickener, Mineral Oil, Safety, Substance Registration |
| 2002 03 May/June | H. Gustafsson | Environmental requirements for lubricating grease and hydraulic fluids | N/A |
| 2002 03 May/June | K. Yano | The NSF International non-food compounds registration and listing programme | CLP, Environment, Ester, Fluid, Food Grade, Grease, Health, Mineral Oil, Safety, Substance Registration |
| 2002 03 May/June | Rhein Chemie | CD test methods for industrial lubricants | N/A |
| 2002 03 May/June | C. van Booma | Ashless rust inhibitors for greases | Bearing, Ester, Glycol, Grease, Mineral Oil, Testing |
| 2002 02 March/April | M. Jungk; H. Stoegbauer | New developments in automotive ball joint greases | Automotive, Bearing, Ester, Grease, Mineral Oil, Testing |
| 2002 01 January/February | P.M. Cann | Friction behaviour of grease in rolling-sliding EHL contacts | Bearing, Boundary Lubrication, Fluid, Grease, High Temperature, Low Temperature, Rheology |
| 2001 06 November/December | A. van den Kommer; J. Ameye | Prediction of remaining grease life: a new approach and method by linear sweep voltammetry | N/A |
| 2001 06 November/December | T. Litters; W. Dresel; C. Nemack | Some findings with the Vogel FTG 2 tester according to Marawe: a new test method for measuring the tendency of lubricating greases to separate oil and to harden under pressure | N/A |
| 2001 05 September/October | W. Möller | Grease pack recommendations | N/A |
| 2001 05 September/October | H. Reust | The Swiss chemical legislation: present and future | CLP, Environment, Grease, Health, Safety, Substance Registration |
| 2001 05 September/October | A. Mistry; R. Bradbury | Performance of lubricating grease in the presence of water | Bearing, Ester, Fluid, Grease, Low Temperature, Roll Stability, Testing |
| 2001 04 July/August | F. Meier | Swiss grease market | Automotive, Bearing, Biodegradable, Grease, High Temperature, Industrial |
| 2001 04 July/August | E. Kuhn | A stress-strain diagram for lubricating greases | Grease, Testing |
| 2001 04 July/August | P.S. Greenfield et al | Functionalised polymers in grease: past, present and future | Bearing, Fluid, Grease, High Temperature, Hydrodynamic, Low Temperature, Rheology, Shear Stability |
| 2001 03 May/June | T.J. Hansel; W.W. Mullins | Heavy duty transmission and axle lubricants mineral or synthetic for extended drain? | Ester, Extreme Pressure, Grease, Low Temperature, Mineral Oil, Solid Lubricant, Synthetic Oil, Testing |
| 2001 03 May/June | S. Hazan; B. Tanner | Lubricant registrations under the NSF international non-food compounds registration programme | CLP, Fluid, Food Grade, Grease, Health, Safety, Substance Registration, Testing |
| 2001 02 March/April | C. Köhler | Food grade lubricants | N/A |
| 2001 02 March/April | J. Root | Polyurea grease thickeners, a grease researcher's dream | Automotive, Environment, Grease, High Temperature, Industrial, Low Temperature, Roll Stability, Shear Stability |
| 2001 01 January/February | M.D. Kieke | An overview of lubricants thickened with organically modified clay | Automotive, Bearing, Biodegradable, Ester, Fluid, Glycol, Grease, Industrial, Mechanical Stability, Mineral Oil, Polyglycol, Rheology, Solid Lubricant, Synthetic Oil, Vegetable Oil |
| 2000 06 November/December | H. Bäckström | Technical white oil for food-grade greases | Fluid, Food Grade, Grease, Industrial, Low Temperature, Metal Soap Thickener, Mineral Oil |
| 2000 06 November/December | W. Möller; G. Koch | Labelling trends in the European lube oil industry | CLP, Environment, Fluid, Grease, Industrial |
| 2000 05 September/October | D. Bell | Measurement of viscoelasticity in greases using dynamic compressional flow | Bearing, Environment, Fluid, Grease, Low Temperature, Mineral Oil, Rheology, Solid Lubricant, Synthetic Oil, Testing |
| 2000 05 September/October | P. Vergne et al | Effect of carrier base solvency in greases: microstructure, properties and performances | Bearing, Environment, Ester, Fluid, Grease, High Temperature, Industrial, Mineral Oil, Rheology, Shear Stability, Solid Lubricant |
| 2000 04 July/August | G. Dodos | The grease market in Greece | Automotive, Grease, Industrial |
| 2000 04 July/August | A. Mistry | New global aerospace grease: SAE AMS-M core specification | Aviation, Bearing, Extreme Pressure, Fluid, Grease, Low Temperature, Testing |
| 2000 03 May/June | C. van Booma; M.E. Hunter; R.F. Baker | Corrosion: rust and beyond | Bearing, Environment, Ester, Grease, Testing |

| Date Publication | Author(s) | Title | Key Words |
|---------------------------|---------------------------|--|--|
| 2000 03 May/June | L.A.T. Honary | Field test results of soybean based greases developed by the UNI-ABIL research programme | Automotive, Biodegradable, Environment, Fluid, Grease, High Temperature, Industrial, Testing, Vegetable Oil |
| 2000 02 March/April | D. Miller; W. Bernaards | Environmentally acceptable thread compounds | Bearing, Boundary Lubrication, Environment, Ester, Fluid, Grease, Industrial, Mineral Oil, Testing |
| 2000 02 March/April | E. Kuhn | Viscosity rate and energy density | Grease, Industrial, Rheology |
| 2000 01 January/February | L. Honary | Harvesting seeds planted by checkoff dollars: UNI-ABIL research programme & soybean-based industrial lubricants | Automotive, Biodegradable, Environment, Ester, Fluid, Grease, Industrial, Testing, Vegetable Oil |
| 2000 01 January/February | I.G. Fuks; L. Bagdasarov | New greases for the Russian automotive industry | Automotive, Bearing, Fluid, Grease, Mineral Oil, Synthetic Oil |
| 2000 01 January/February | E. Gard | Solid lubricants! What is the future? | Environment, Extreme Pressure, Fluid, Grease, Hydrodynamic, Industrial, Solid Lubricant, Testing |
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| 1999 06 November/December | A.S. Polishuk | Saponification for lithium greases made easier | Aviation, Grease, Health, Mineral Oil, Safety |
| 1999 06 November/December | G. Daniel et al | New generation lithium complex multipurpose grease | Automotive, Aviation, Bearing, Elastohydrodynamic, Environment, Fluid, Grease, High Temperature, Hydrodynamic, Industrial, Low Temperature, Mechanical Stability, Rheology, Shear Stability, Shock Load, Testing |
| 1999 05 September/October | S. Daegling | Low noise greases: standards of measuring techniques and application | Bearing, Ester, Grease, Industrial, Testing |
| 1999 05 September/October | J. Pohlen; G. Gow | From black to white: problem solving for heavy load application | Bearing, Environment, Ester, Extreme Pressure, Fluid, Grease, Shock Load, Synthetic Oil, Testing |
| 1999 04 July/August | A. Prato | Lubricants in the food industry: market and applications | Automotive, Bearing, CLP, Environment, Fluid, Food Grade, Grease, Health, High Temperature, Industrial, Low Temperature, Safety, Testing |
| 1999 04 July/August | C. Streun | Lubricants in the food industry: legislation and chemistry | CLP, Ester, Extreme Pressure, Fluid, Food Grade, Glycol, Grease, Health, High Temperature, Industrial, Mineral Oil, Safety, Solid Lubricant |
| 1999 03 May/June | S. Hurley; P.M. Cann | Grease composition and film thickness in rolling contacts | Bearing, CLP, Elastohydrodynamic, Fluid, Grease, Hydrodynamic, Rheology |
| 1999 03 May/June | P. Waara; P.-O. Larsson | Grease behaviour in a rail lubricating system exposed to arctic conditions | Boundary Lubrication, Environment, Ester, Fluid, Grease, Industrial, Low Temperature, Mineral Oil, Rheology |
| 1999 02 March/April | J.P. King | A novel solid extreme pressure/antiwear lubricant additive | Bearing, Biodegradable, Boundary Lubrication, Environment, Ester, Extreme Pressure, Fluid, Food Grade, Glycol, Grease, Hydrodynamic, Industrial, Low Temperature, Mineral Oil, Polyglycol, Vegetable Oil |
| 1999 02 March/April | J. Richter | Optimizing efficiency indices of constant-velocity joints with low-friction lubricants | Automotive, Bearing, Environment, Grease, Solid Lubricant, Testing |
| 1999 01 January/February | D.A. Slack | ASTM protocol for grease test method approval | Automotive, Bearing, Environment, Extreme Pressure, Fluid, Grease, Low Temperature, Rheology, Roll Stability, Testing |
| 1999 01 January/February | U. Duus | Ren Smörja i Göteborg: a development project for environmentally adapted lubricants in Sweden | Bearing, Biodegradable, Environment, Fluid, Grease, Health, Industrial, Safety, Testing |
| 1999 01 January/February | P.-O. Larsson; R. Larsson | Combined experimental/numerical approach: influence of different lubricating properties | Bearing, Elastohydrodynamic, Fluid, Grease, Hydrodynamic, Mineral Oil, Rheology, Testing |
| 1998 06 November/December | E. Kuhn | Investigation of stressed greases by use of a rheometer | Bearing, Environment, Fluid, Grease, Mechanical Stability, Rheology, Testing |
| 1998 06 November/December | P. Vergne | Lubricating greases, correlation between composition & rheology | Environment, Fluid, Grease, High Temperature, Rheology, Testing |
| 1998 05 September/October | A. Polishuk | A brief review of calcium greases | Automotive, Aviation, Biodegradable, Environment, Ester, Extreme Pressure, Glycol, Grease, High Temperature, Industrial, Mineral Oil, Safety, Synthetic Oil, Testing, Vegetable Oil |
| 1998 05 September/October | B. Williamson; D. Miller | Condition monitoring of grease lubricated rolling element bearings | Automotive, Bearing, Biodegradable, Elastohydrodynamic, Environment, Ester, Fluid, Grease, High Temperature, Hydrodynamic, Rheology, Solid Lubricant |
| 1998 04 July/August | J. Cliff | The institute of petroleum (IP) protocol for test method approval | Bearing, Environment, Extreme Pressure, Grease, Health, Low Temperature, Safety, Testing |
| 1998 04 July/August | A. Kemble | Evaluation of industrial bearing grease performance | Automotive, Bearing, Biodegradable, Environment, Ester, Grease, High Temperature, Industrial, Metal Soap Thickener, Safety, Silicone Oil, Synthetic Oil, Testing |
| 1998 04 July/August | R. Karbacher | Measuring the lubricant film thickness in rolling bearings | Bearing, Ester, Grease, Mineral Oil, Testing |
| 1998 03 May/June | G. Gow | What's the PO. in't? A personal reflection on the state of the art | Bearing, Biodegradable, Environment, Ester, Extreme Pressure, Fluid, Glycol, Grease, Health, High Temperature, Industrial, Low Temperature, Mineral Oil, Polyglycol, Rheology, Safety, Solid Lubricant, Testing, Vegetable Oil |
| 1998 03 May/June | A. Mistry; R. Bradbury | An evaluation of the relationship between the low temperature torque, the apparent viscosity and the low temperature cone penetration of lubricating greases | Automotive, Bearing, Ester, Grease, Low Temperature, Mineral Oil, Roll Stability, Testing |
| 1998 02 March/April | G. Gow | PO1: the story of the moral | N/A |
| 1998 02 March/April | E. Kuhn | Lubricating grease : an active element of the tribological system | Bearing, Environment, Fluid, Grease, Rheology |
| 1998 01 January/February | T. Rosemann; R. Hunt | Correlation between bearing test rig performance and rheology based on a study of greases consisting of perfluorinated polyether fluids thickened with PTFE | N/A |
| 1998 01 January/February | M. Jungk; D. Hesse | Silicone oil based fluids as a tool to tailor high performance lubricating greases | N/A |
| 1997 06 November/December | P. Cann | Grease lubricant films in rolling contacts | Bearing, Boundary Lubrication, Elastohydrodynamic, Fluid, Grease, Hydrodynamic, Mineral Oil, Rheology, Roll Stability, Testing |
| 1997 06 November/December | T. Endo | Current trends in diurea greases in Japan | Automotive, Bearing, Environment, Ester, Fluid, Grease, High Temperature, Industrial, Mineral Oil, Roll Stability, Shear Stability |
| 1997 06 November/December | W.J. Bartz | Synthetic lubricating greases: a survey | Automotive, Biodegradable, Environment, Ester, Extreme Pressure, Fluid, Grease, High Temperature, Industrial, Low Temperature, Mineral Oil, Silicon Oil, Synthetic Oil |
| 1997 05 September/October | R. Santorelli | Accelerated oxidation stability test: an example of application in anti-oxidant additive selection | N/A |
| 1997 05 September/October | H. Kröner; E. Kleinlein | Rolling bearing greases tested relevant to practical conditions | Bearing, Biodegradable, Environment, Grease, High Temperature, Hydrodynamic, Safety, Shock Load, Testing |
| 1997 05 September/October | J. Cliff | A Question of balance | Ester, Grease, Mineral Oil, Roll Stability, Testing |

| Date Publication | Author(s) | Title | Key Words |
|---------------------------|--|--|---|
| 1997 05 September/October | J. Tóth; C. Dudás | Possibilities of development of aluminium compounds used as thickeners for lubricating greases | N/A |
| 1997 04 July/August | S. Leifheit; J. Marezke | Grease lubrication in vehicles | Automotive, Bearing, Fluid, Grease, Industrial, Safety, Testing |
| 1997 04 July/August | H. Glüsing; E. Kuhn | Systematic effects on the precision of penetration readings: a contribution to the rheology of lubricating greases | N/A |
| 1997 04 July/August | M. Pfeiffer | Improvement of the delivery times at Axel Christiemsson... by matching the batches & series | Grease |
| 1997 03 May/June | M. Fuchs | The European lubricating grease market | Automotive, Biodegradable, Environment, Grease, Industrial, Safety |
| 1997 03 May/June | G. Fish | Constant velocity joint (CVJ) greases | Automotive, Bearing, Environment, Extreme Pressure, Fluid, Grease, Health, High Temperature, Industrial, Low Temperature, Mineral Oil, Roll Stability, Safety, Shear Stability, Testing |
| 1997 02 March/April | P. Srinivasan | New generation high performance greases | Automotive, Bearing, Ester, Grease, Low Temperature, PFPE, Synthetic Oil |
| 1997 02 March/April | H.J. Dittebrandt | Castor oil derivatives | Grease, Industrial |
| 1997 01 January/February | R. Santorelli | An accelerated test method for oxidation stability to predict the behaviour of lubricating greases under severe dynamic conditions | Bearing, Grease, High Temperature, Industrial |
| 1997 01 January/February | K.J. Hole; C.R. Scharf; H.F. George | The enhancement of grease structure through the use of functionalised polymer systems | Bearing, Elastohydrodynamic, Fluid, Grease, High Temperature, Industrial, Mechanical Stability |
| 1996 06 November/December | P. Vergne | Formulation of lubricating suspensions from rheological criteria | Bearing, Boundary Lubrication, Environment, Fluid, Grease, Low Temperature, PFPE, Rheology |
| 1996 06 November/December | Y.L. Ischuk; A.D. Stakhursky | Expanded graphite as a dispersed phase for greases | Ester, Fluid, Grease, Shear Stability |
| 1996 05 September/August | R. Stuart | Condition monitoring of offshore crane slewing bearing assemblies | Bearing, Environment, Fluid, Grease, Health, High Temperature, Safety, Testing |
| 1996 05 September/August | T. Dell'Oro | Strategic manufacturing management | Automotive, Biodegradable, Environment, Grease, Safety, Testing |
| 1996 04 July/August | E. Kuhn; H. Mörtz | Investigation into the rheological behaviour of tribologically stressed greases | Grease, High Temperature, Rheology, Testing |
| 1996 04 July/August | O. Rohr | Bismuth: a new metallic but non-toxic replacement for lead in extreme pressure greases and industrial EP liquid lubricants and sulphur: an ashless and non-metallic key element in general lubrication | Bearing, Boundary Lubrication, Ester, Extreme Pressure, Grease, High Temperature, Industrial, Mechanical Stability, Solid Lubricant |
| 1996 04 July/August | G. Ponti; M. Valenetti | The grease market in Italy | Automotive, Bearing, Biodegradable, Grease, Health, Industrial, Mineral Oil, Safety |
| 1996 03 May/June | W.J. Bartz | Lubricants and the environment | Automotive, Biodegradable, CLP, Environment, Ester, Extreme Pressure, Fluid, Glycol, Grease, Health, Industrial, Mineral Oil, Polyglycol, Safety, Testing |
| 1996 03 May/June | P.M. Cann | Cost 516 Tribology | N/A |
| 1996 02 March/April | Y. Lefauchoux | Environmental management and lubricants | Biodegradable, Environment, Grease, Safety |
| 1996 02 March/April | L. Hammelid | 1994 Survey of test methods in practical use | N/A |
| 1996 01 January/February | R. Becker; A. Knorr | Comparative study of the oxidation of vegetable oils and the effectiveness of antioxidants | Biodegradable, Environment, Grease, Mineral Oil, Testing, Vegetable Oil |
| 1996 01 January/February | E. M. Stempfel; H. Hostettler; H.R. Gasser | Practical experience with highly biodegradable lubricants, especially hydraulic oils and lubricating greases | Automotive, Bearing, Biodegradable, Environment, Ester, Extreme Pressure, Fluid, Glycol, High Temperature, Low Temperature, Mechanical Stability, Mineral Oil, Safety, Testing, Vegetable Oil |
| 1995 06 November/December | G.A. Bell | The effect of PTFE particle characteristics on grease formulation & performance | Bearing, Elastohydrodynamic, Fluid, Grease, Hydrodynamic, Low Temperature, Safety, Testing |
| 1995 06 November/December | G.T.Y. Wan | Monitoring rolling bearing operating condition | Bearing, Elastohydrodynamic, Grease, High Temperature, Hydrodynamic, Testing |
| 1995 05 September/August | C. Gallegos; J.M. Franco Gómez | Rheology of lubricating greases | Fluid, Grease, Industrial, Mineral Oil, Rheology, Testing |
| 1995 05 September/August | S. Harold; P. Todd | Design of greases and other lubricants using ecologically responsive technology | Automotive, Aviation, Biodegradable, CLP, Environment, Ester, Extreme Pressure, Fluid, Food Grade, Grease, Industrial, Low Temperature, Mineral Oil, Testing, Vegetable Oil |
| 1995 04 July/August | M. Kingston | Filter cleaning | Environment, Fluid, Grease, Health, High Temperature, Industrial, Safety, Testing |
| 1995 04 July/August | R. Weyandt | Principles of ecotoxicology and problems with testing substances which have low water solubility | Biodegradable, Environment, Fluid, Grease, Health, Industrial, Mineral Oil, Safety, Testing |
| 1995 03 May/June | L. Muntada | The lubricant market in Spain | Biodegradable, Fluid, Glycol, Grease, Industrial, Mineral Oil |
| 1995 03 May/June | E. Kuhn | Some aspects of an estimation of the behaviour of tribological stressed greases | Grease, Rheology |
| 1995 03 May/June | T. Dell'Oro | North American lubricants cost management: present, past, future | Environment, Grease, Testing |
| 1995 02 March/April | E. Kleinlein | Operating of ball and roller bearing at low temperatures | Bearing, Grease, Low Temperature, Mineral Oil, Testing |
| 1995 02 March/April | D. Smit | EC legislation directives on health, safety and the environment | CLP, Environment, Grease, Health, Industrial, Safety, Testing |
| 1995 01 January/February | P.M. Cann | The influence of temperature on the lubricating behaviour of a lithium hydroxystearate grease | Bearing, Fluid, Grease, High Temperature, Hydrodynamic, Low Temperature, Testing |
| 1994 July | Ferenc | Supply & demand of lubricants in Hungary | Biodegradable, Environment, Ester, Grease, Health, Industrial, Testing |
| 1994 July | Ischuk; Nemirovska; Borisenko; Stakhursky | Role of the dispersion medium in structuring of diurea grease | Fluid, Grease, Low Temperature, Mineral Oil |
| 1994 January | Pane | Sulphonates as rust & corrosion inhibitors in grease | Bearing, Environment, Extreme Pressure, Fluid, Grease, Testing |
| 1994 April | Astrom; Hoglund | Viewpoints on noise in grease lubricating bearings | Bearing, Elastohydrodynamic, Environment, Grease, Hydrodynamic, Rheology |
| 1994 April | Basset | Gear greases & their applications | Bearing, Fluid, Grease, Mineral Oil |
| 1993 October | Williams; Siptak | The use of organoclays in clay-based grease | Environment, Extreme Pressure, Fluid, Food Grade, Grease, Health, Industrial, Low Temperature, Mineral Oil, Safety |
| 1993 October | Schmidt; Huls | Modified natural base oils | Biodegradable, Ester, Fluid, Grease, Mineral Oil, Vegetable Oil |
| 1993 July | Nemack | Biodegradable lubricants used in lubricating greases | Bearing, Biodegradable, Environment, Ester, Fluid, Glycol, Grease, Low Temperature, Mineral Oil, Polyglycol, Safety, Testing, Vegetable Oil |
| 1993 July | Alberto; Belin | The running in of big gears - a lubrication affair | N/A |
| 1993 July | Barbosa | Lubricating grease production in Portugal | N/A |
| 1993 January | Korff; Röhrs | Heavy metal-free additives for lubricating grease | Bearing, Biodegradable, Ester, Extreme Pressure, Fluid, Grease, Industrial, Metal Soap Thickener, Mineral Oil, Shear Stability, Solid Lubricant |

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| 1993 January | Dalmas; Chaomleffel | Grease film thickness & traction in elastohydrodynamic point contacts | Bearing, Elastohydrodynamic, Ester, Fluid, Grease, Hydrodynamic, Rheology |
| 1993 April | Montagna | New soluble additives for perfluorinated greases | Bearing, Environment, Ester, Fluid, Grease, High Temperature, PFPE, Safety |
| 1992 October | Charlton | The effective in-service lubrication of wire ropes | Bearing, Boundary Lubrication, Environment, Extreme Pressure, Fluid, Grease, Hydrodynamic, Mineral Oil, Safety, Vegetable Oil |
| 1992 October | Kendall; Williamson | The influence of grease composition on film thickness in EHD contacts | Automotive, Bearing, Elastohydrodynamic, Ester, Grease, Hydrodynamic, Mechanical Stability, Rheology |
| 1992 July | Beghini | Cleanliness & its importance to bearing performance | Bearing, Environment, Ester, Grease, Safety, Synthetic Oils |
| 1992 July | Jacobs; Stringfellow | Graphite & lead based thread compounds compared | Ester, Grease, High Temperature, Testing |
| 1992 January | Stempfel; Schmid | Biodegradable lubricating greases | Bearing, Biodegradable, Environment, Ester, Fluid, Glycol, Grease, Inorganic Thickener, Low Temperature, Mineral Oil, Organic Thickener, Testing, Vegetable Oil |
| 1992 January | Holinski | Solid lubricants as additives in greases | Bearing, Ester, Food Grade, Grease, High Temperature, Hydrodynamic, Industrial, Mineral Oil, Shock Load, Solid Lubricant |
| 1992 January | Kruschwitz | Aluminium complex greases | Bearing, Environment, Ester, Extreme Pressure, Fluid, Grease, High Temperature, Industrial, Low Temperature |
| 1992 April | Stang; Jansson | Characterisation of base oils used in grease manufacturing | Environment, Ester, Fluid, Grease, Health, High Temperature, Low Temperature, Mineral Oil, Safety, Synthetic Oils |
| 1991 October | Lefevre | Classification & labelling of dangerous chemicals in the European community | Environment, CLP, GHS, Industrial, Safety, Testing |
| 1991 October | Van Knijff | Grease packages & the environment | Environment, Grease, Industrial, Safety |
| 1991 October | Sottomayor; Campos; Seabra; Ferreira | Friction force in an EHD contact | Bearing, Elastohydrodynamic, Fluid, Grease, Hydrodynamic |
| 1991 August | Kleinlein | FAG-FE9 test system, test rig general machining principle & application of the results to practice | Bearing, Ester, Grease, High Temperature, Safety, Testing |
| 1991 August | Hoglund; Isaksson; Wikstrom | The influence of the rheology & lubricity of greases on energy losses in machines | Bearing, Grease, Rheology |
| 1991 August | Ischuk; Kobylanski | Integrated test methods to determine shear strength, water induced & thermal setting of grease | Environment, Grease, High Temperature, Rheology, Shear Stability |
| 1991 August | Cann; Aderin; Spikes | Optical & infrared studies of EHD behaviour of greases | Bearing, Elastohydrodynamic, Hydrodynamic, Testing |
| 1991 April | Leluan | Lubrication of the TGV railway axle box | Bearing, Extreme Pressure, Grease, Mechanical Stability, Testing |