



Lubrizol And Velox Participate at Fakuma 2017

October 11, 2017



CLEVELAND, October 11, 2017 - The Lubrizol Corporation announces its Engineered Polymers business will be participating alongside its distributor VELOX GMBH at Booth #B5-5001 at Fakuma 2017, which is being held October 17-21, 2017 in Friedrichshafen, Germany.

Lubrizol will highlight its latest developments in Estane® TPU (thermoplastic polyurethane) solutions for compounds, BounCell-X™ TPU microcellular foam, Estane TPU for robotic cables and high-traction Estane TRX TPU polymer technologies:

- BounCell-X TPU microcellular foam is made with a proprietary physical foam injection moulding technology and generates a highly uniform cell structure that provides more than an 80% reduction in density when compared to conventionally moulded TPU. Additionally, BounCell-X technology, utilizing nitrogen gas as a blowing agent, contains no extra chemical additives, making it a good fit for brands with sustainability goals and post-consumer recycling** programs.
- Low smoke, zero halogen flame retardant TPU are designed for wire and cable applications to meet robotics and industry 4.0 requirements such as a superior flexibility and durability. Estane TPU grades offer high-performing solutions for the tension and mechanical stress that cables must endure in the robotics industry, and can help make wire and cable jacketing thinner.
- The Estane TPU portfolio includes many grades that can be used as additives for heavy-duty applications to obtain very tough compounds. They also act as modifiers to other polymers in order to improve the original properties or to overcome regulatory restrictions, for e.g. replacing plasticizers in PVC (polyvinyl chloride) or other materials.
- Estane TRX TPU high traction TPU for footwear outsoles allows designers to create outsoles with increased wear and abrasion resistance, enhanced wet traction, and the flexibility to utilize a wide colour range (even ultra clear) all while using a company's own injection moulding machines. Soft grades are available.

Fabio Morelli, EMEA distribution manager for Lubrizol Engineered Polymers, said, "When it comes to industrial and sports and recreation markets, the list of applications for our engineered polymer solutions is nearly endless. Our high-performing materials can provide the strength of metal or rubber coupled with softness, environmental-friendliness and durability. Lubrizol offers long-lasting solutions that go beyond a standard elastomeric performance."

For more information, visit booth #B5-5001 at Fakuma 2017 from October 17-21 or contact Lubrizol Engineered Polymers by email (engineeredpolymers@lubrizol.com) or visit www.lubrizol.com/engineeredpolymers.

About Lubrizol Engineered Polymers

Lubrizol Engineered Polymers offers one of the broadest portfolios of engineered polymers available today including resins that are bio-based*, recyclable**, light stable, flame retardant, adhesive, chemically resistant, optically clear and fast cycling. Our technology crosses many industries and applications, including surface protection, power and fluid systems, sports and recreation, wearable devices, electronics and automotive. For more information, visit www.lubrizol.com/engineeredpolymers or contact engineeredpolymers@lubrizol.com.

About The Lubrizol Corporation

The Lubrizol Corporation, a Berkshire Hathaway company, is a market-driven global company that combines complex, specialty chemicals to optimize the quality, performance and value of customers' products while reducing their environmental impact. It is a leader at combining market insights with chemistry and application capabilities to deliver valuable solutions to customers in the global transportation, industrial and consumer markets. Lubrizol improves lives by acting as an essential partner in our customers' success, delivering efficiency, reliability or wellness to their end users. Technologies include lubricant additives for engine oils, driveline and other transportation-related fluids, industrial lubricants, as well as additives for gasoline and diesel fuel. In addition, Lubrizol makes ingredients and additives for home care, personal care and skin care products and specialty materials encompassing polymer and coatings technologies, along with polymer-based pharmaceutical and medical device solutions.

With headquarters in Wickliffe, Ohio, Lubrizol owns and operates manufacturing facilities in 17 countries, as well as sales and technical offices around the world. Founded in 1928, Lubrizol has approximately 8,300 employees worldwide. Revenues for 2016 were \$6.5 billion. For more information, visit Lubrizol.com.

*Bio-based content as certified in accordance with ASTM D-6866.

**Recyclability is based on access to a readily available standard recycling program that supports such materials. Products may not be available in all areas.

All marks are owned by The Lubrizol Corporation.



Lubrizol and VELOX will highlight innovative TPU for cables and compounds, BounCell-X TPU microcellular foam and high-traction Estane TRX technologies at Fakuma 2017.

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