Lehmann&Voss - Polyol-Esters

Product	Chem. Description	Features and Benefits
LUVODUR ES 4840	Pentaerythrit-Dioleate	Unsaturated polyolester for a wide range of applications, also for wetting agents reg. MIL-P-81237. Good wear protection. Vk40: 100 mm²/s.
LUVODUR ES 4841	Neopentyl Glycol Dioleate	Unsaturated NPG ester for rolling oils, good water separation. Diluent für rapeseed oils. Low volatility. Synergistics wqith EP/AW. Vk40: 24 mm²/s.
LUVODUR ES 4842	Trimetylolpropane Fatty Acid Ester	Saturated C8/C10 ester with excellent thermal and oxidative stability, offers a very good lubricating effect at high and low temperature. High hydrolytical robustness, good wear protection. Low aquatic toxcity and biodegradable tendency, Vk40: 20 mm²/s.
LUVODUR ES 4843	Pentaerythritol Fatty Acid Ester	Saturated ester for neat oils and other lubricants. Good lubricity properties. High temperature performance. High viscosity index. Vk40: 30 mm²/s.
LUVODUR ES 4844	Glycerol Trioleate	Good thermal stability and low volatility. Carrier fluid for anti-wear additives. Unsaturated cost effective glycerol ester. For neat and cutting oils, carrier for AW additives. Excellent volatility (Noack). High cleaning effect. Very high viscosity index. Vk40: 40 mm²/s.
LUVODUR ES 4845	Trimetylolpropane Trioleate	Unsaturated TMP ester for rolling applications, very good lubricating effect at high and low temperature with low evaporation tendencies, high wear protection. Vk40: 45 mm²/s.
LUVODUR ES 4846	Neopentylglycol Fatty Acid Ester	Unsaturated C8-C18 NPG ester for rolling applications and metal working fluids. Moderate water separation. High cleaning effect. Vk40: 16 mm²/s.
LUVODUR ES 4849	Trimetylolpropane Trioleate	Unsaturated high viscosity ester. Very shear-stable. Excellent rheological properties. Mixable with plant oils and to improve their low temperature performance. Conform to EEL and VGP. Very high viscosity index. Vk40: 320 mm²/s.