

## Lehmann&Voss - Mono-Esters

Product	Chem. Description	Features and Benefits
<b>LUVODUR® ES 4801</b>	2-Ethylhexyl Tallowate	Biodegradable hydrolytic stable ester, easy emusifiable. Good lubricity. Excellent thermal stability, very high viscosity index. Exhibits synergistic effects with EP/AW additives. Vk40: 9 mm <sup>2</sup> /s.
<b>LUVODUR® ES 4802</b>	2-Ethylhexyl Laurate	Saturated hydrolytic and thermal stable ester with low odor, readily biodegradable. Good low temperature and demulsibility properties. Good EP/AW behaviour for aluminum processing. Vk40: 6 mm <sup>2</sup> /s.
<b>LUVODUR® ES 4804</b>	Isotridecyl Stearate	Hydrolytic and thermal stable saturated mono-ester, high flash point. Provides good lubricity. Readily emusifiable. Low volatility (Noack). Biodegradable. Vk40: 16 mm <sup>2</sup> /s.
<b>LUVODUR® ES 4805</b>	2-Ethylhexyl Oleate	Unsaturated, readily biodegradable oleate ester for neat and cutting fluids. Low odor. High lubricity effect. Very high viscosity index >220. Vk40: 10 mm <sup>2</sup> /s.
<b>LUVODUR® ES 4807</b>	2-Ethylhexyl Palmitate	Saturated ester, easy emusifiable. Distinguished by an excellent lubricity and slip resistance. Very high VI. Vk40: 8 mm <sup>2</sup> /s.
<b>LUVODUR® ES 4809</b>	2-Ethylhexyl-Stearate	Saturated, very stable fluid with good lubricity effect. Excellent hydrolytic stability. Readily biodegradable. Vk40: 10 mm <sup>2</sup> /s.