

| <b>Product</b>          | <b>Chem. Description</b>            | <b>Features and Benefits</b>   |
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| <b>LUVODUR® HVC 100</b> | Complex Mix of Polyol Ester         | Improves the efficiency of water miscible cooling lubricants. Increasing lubricating properties. Low foaming behavior. Provides solubility, wetting and penetration. High thermal stability. |
| <b>LUVODUR HVC 144</b>  | Complex Mixture of Esters           | Improved efficiency in non-water miscible cooling lubricants. Increased wetting effect. Improved efficiency of water miscible cutting fluids fore AL.  |
| <b>LUVODUR HVC 221</b>  | Mixture of Native Fatty Acid Esters | Improves the wetting effect and lubricity of neat oils. Synergistic effects with EP/AW additives in the cutting oils.  |