

ROKAnol[®] LP42

CHEMICAL NAME	Alcohols, C16-18, ethoxylated, propoxylated
NUMER CAS	68002-96-0
FUNCTION	Non-ionic surfactant
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20±25)°C..... liquid</p> <p>Colour (Hazen) at (20±25)°C.....max 70</p> <p>pH of 1% solution5 ÷ 7</p> <p>Cloud point (butyldiglycol/water solution), °C..... .44 ÷ 46</p> <p>Water, %(m/m) max 1</p>
GENERAL DATA	<p>Solubility in water nonsoluble</p> <p>Other solvents mineral oils, vegetable oils, acetone, ethanol</p> <p>Density at 20°C, g/mL approx. 0.94</p> <p>Viscosity at 20°C, g/mL approx. 60</p> <p>Odour characteristic</p> <p>Solidification point, °C approx. 6</p> <p>Hydrophilic-lipophilic balance (HLB) approx. 9</p>
APPLICATION	<p>Nonionic surfactants used mainly as an emulsifier for metalworking fluids and as lubricity enhancer. Product has low foaming profile and it is highly compatible with anionic and other nonionic formulation components. It can be applied in soluble oils and semi-synthetic metalworking and rolling emulsions as well as in fire-resistant hydraulic fluids.</p>