

ROKOLUB 50-B-100

CHEMICAL NAME	Butanol, propoxylated and ethoxylated
CAS NUMBER	9038-95-3
TECHNICAL REQUIREMENTS	<p>Appearance at 25°C Homogeneous, colorless to yellow liquid</p> <p>Water content, % (m/m) max. 0.08 (ASTM D4672-12)</p> <p>Acid value, mg KOH/g max. 0.1 (ASTM D7253-16, bromothymol blue)</p> <p>Kinematic viscosity at 40°C, mm²/s 94 – 110 (ASTM D445-15)</p> <p>Kinematic viscosity at 100°C, mm²/s 17 – 21 (ASTM D445-15)</p>
GENERAL DATA	<p>ISO VG 100</p> <p>Molecular weight, g/mol ~1300</p> <p>Viscosity index ~225</p> <p>Pour point, °C <(-45)</p> <p>Flash point, °C >240</p> <p>Cloud point, °C (1% Aq) ~60</p> <p>Functionality ~1</p> <p>Density at temp. 20°C, g/ml ~1.040</p> <p>Refractive index at 20°C ~1.4576</p> <p>Contains BHT free antioxidants</p>
APPLICATION	<p>Rokolub 50-B-100 is a product with high Viscosity Index, soluble in water, applied as synthetic lubricants PAG base stock. It can be used wherever anhydrous lubrication systems for machines and mechanical devices are required.</p> <p>Applications: Industrial gear, bearing and gas compressor lubricants. Metal working fluids and functional fluids for forming metals. It may also be applied in production of polyurethane elastomers as antifoaming agent and as plasticiser in production of rubber..</p>