

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 D4672-18)</p> <p>Acid value, mg KOH/g max. 0.1 (ASTM D7253-16, bromothymol blue)</p> <p>Kinematic viscosity at 40°C, mm²/s 90 – 110 (ASTM D445-19)</p> <p>Kinematic viscosity at 100°C, mm²/s 17 – 22,5 (ASTM D445-19)</p>
GENERAL DATA	<p>ISO VG 100</p> <p>Molecular weight, g/mol ~1300</p> <p>Viscosity index ~220</p> <p>Pour point, °C <(-43)</p> <p>Flash point, °C >240</p> <p>Cloud point, °C (1% Aq) ~-59</p> <p>Functionality ~1</p> <p>Density at temp. 20°C, g/ml 1.04</p> <p>Refractive index at 20°C 1.457</p> <p>Contains BHT free antioxidants.</p> <p>Rokolub® 50-B-100 has certificate of registration NSF HX-1 admitted to incidental contact with food.</p>
APPLICATION	<p>Rokolub 50-B-100 is a product with a high Viscosity Index, soluble in water at 20°C, and can be used as synthetic PAG base oil, for the formulation of high performance lubricants.</p> <p>Applications: Industrial bearing and gas compressor lubricant. Component for metalworking fluids and functional fluids for forming metals. It can be used as base stock for hydraulic fluids and textile lubricants.</p>