

ROKOLUB 50-B-46

CHEMICAL NAME Butanol, propoxylated ethoxylated

CAS NUMBER 9038-95-3

TECHNICAL REQUIREMENTS

Appearance at 25°C	Homogeneous, colorless to yellow liquid
Water content, % (m/m)	max. 0.08 (ASTM D4672-12)
Acid value, mg KOH/g	max. 0.1 (ASTM D7253-16, bromothymol blue)
Kinematic viscosity at 40°C, cSt	45 – 55 (ASTM D445-15)
Kinematic viscosity at 100°C, cSt.....	10.5 – 13.5 (ASTM D445-15)

GENERAL DATA

ISO VG	46
Molecular weight, g/mol	~1000
Viscosity index	~210
Pour point, °C	<(-43)
Flash point, °C	>240
Cloud point, °C	~59
Functionality.....	~1
Density at temp. 20°C, g/ml	~1.034
Refractive index at 20°C	~1.455

The product does not contain antioxidant.

APPLICATION

Rokolub 50-B-46 is a product with high Viscosity Index, soluble in water at 20°C, applied as PAG synthetic base oil for the formulation of high performance lubricants

Applications: Industrial gear, gas compressors, air conditioning compressors. Metal working and functional fluids for forming metals. It may also be applied in production of polyurethane elastomers as antifoaming agent and as plasticizer in production of rubber.