

ROKOLUB 50-B-460

CHEMICAL NAME Butanol, propoxylated and ethoxylated

CAS NUMBER 9038-95-3

TECHNICAL REQUIREMENTS

Appearance at 25°C Homogeneous liquid, colorless to yellow

Water content, % (m/m) max. 0.08
(ASTM D4672-18)

Acid value, mg KOH/g max. 0.1
(ASTM D7253-16, bromothymol blue)

Kinematic viscosity at 40°C, cSt 413 – 506
(ASTM D445-15)

Kinematic viscosity at 100°C, cSt..... 71 – 93
(ASTM D445-15)

GENERAL DATA

ISO VG460

Molecular weight, g/mol~3500

Viscosity index ~225

Pour point, °C<(-35)

Flash point, °C >220

Cloud point, °C (1% Aq)~50

Functionality ~1

Density at temp. 20°C, g/ml1.05

Contains BHT free antioxidants

APPLICATION

Rokolub 50-B-460 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. Applications: Component for metalworking fluids and functional fluids for forming metals. It can be used as base stock for industrial gear oil and textile lubricants.