

# ROKOLUB 60-D-460

**CHEMICAL NAME** Polyether polyol

**CAS NUMBER** 9003-11-6

**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 D7253-06(2011), bromothymol blue)

Kinematic viscosity at 40°C, cSt ..... 437 – 483  
(ASTM D445-15)

Kinematic viscosity at 100°C, cSt ..... 75 – 82  
(ASTM D445-15)

**GENERAL DATA**

ISO VG ..... 460

Molecular weight, g/mol ..... ~3500

Viscosity index ..... ~251

Pour point, °C ..... <(-33)

Flash point, °C ..... 220

Cloud point, °C (1% Aq) ..... ~73

Functionality ..... ~2

Density at temp. 20°C, g/ml ..... ~1.060

**APPLICATION**

Rokolub 60-D-460 is a product with high Viscosity Index, soluble in water, applied as synthetic lubricants PAG base stock, single end capped type. Rokolub 60-D-...series provides superior cloud point in finished formulation particularly important when use as metal working fluids.

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.