

ConocoPhillips IGL-9 Enclosed Gear Lubricant ISO 1000, AGMA Number 8A EP

Category : Fluid , Lubricant

Material Notes:

Description: Conoco IGL-9 Enclosed Gear Lubricant is a superior-quality, black, heavy, extreme-pressure gear lubricant developed specifically for enclosed gear sets operating under severe service conditions. IGL-9 Enclosed Gear Lubricant is available in ISO 460, 680 and 1000 viscosity grades. Each grade is formulated with high-quality paraffinic mineral oils and selected additives to provide rust and corrosion inhibition, demulsibility, resistance to foaming, excellent oxidation inhibition and superior load-carrying ability. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-IGL-9-Enclosed-Gear-Lubricant-ISO-1000-AGMA-Number-8A-EP.php

Physical Properties	Metric	English	Comments
Density	0.929 g/cc	0.0335 lb/in ³	
Viscosity Measurement	100	100	Viscosity Index
Saybolt Viscosity at 100°F	5800 SUS	5800 SUS	
Saybolt Viscosity at 210°F	270 SUS	270 SUS	
Kinematic Viscosity at 40°C (104°F)	1070 cSt	1070 cSt	
Kinematic Viscosity at 100°C (212°F)	55 cSt	55 cSt	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	55	55	
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	
Four Ball Wear	0.380 mm	0.0150 in	
Falex Load Test	5.85e+6 g	12900 lb	Pin & Vee EP
Timken Test	34000 g	75.0 lb	

Thermal Properties	Metric	English	Comments
Pour Point	-15.0 °C	5.00 °F	
Flash Point	249 °C	480 °F	

Descriptive Properties	Value	Comments
Color	Black	

FZG Gear Test
Descriptive Properties

Pass 12 Stages
Value

Comments

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