

ExxonMobil Mobil Centaur Moly 2

Category : Fluid , Lubricant , Calcium Gellant

Material Notes:

Mobil Centaur Moly is a premium quality grease formulated with advanced calcium sulfonate thickener technology. The calcium sulfonate thickener in the Mobil Centaur Moly products represents a significant advance in grease formulation technology. Unlike conventional soap-base thickeners (i.e. lithium, aluminium, and calcium soaps), the calcium sulfonate thickener does much more than simply impart consistency. It imparts excellent corrosion and water-resistance properties to the grease and has inherent extreme-pressure protection properties that enhance load-carrying ability. Further, the EP properties derived from the calcium thickener also have inherently better thermal stability than those from conventional Sulphur/Phosphorus EP additives. Fortified with molybdenum disulphide to complement its robust extreme-pressure additive system, Mobil Centaur Moly is particularly well suited to meet the demanding lubrication requirements of heavy-duty truck chassis, construction and mining equipment, and heavily load industrial bearings. Mobil Centaur Moly also provides outstanding resistance against the effects of water washout, water spray-off and corrosion. Mobil Centaur Moly products are highly recommended for heavily loaded applications or environments highly contaminated with water. Specific examples of such applications include: Heavy-duty trucks, including chassis, spring shackles, king pins, tie rods, u-joints, hinge and bucket pins and fifth wheels; Mining and construction equipment; Marine equipment; Highly loaded industrial bearings

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Centaur-Moly-2.php

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	320 cSt	320 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	ASTM D2596
Four Ball Wear	0.380 mm	0.0150 in	40 kg, 1200 rpm; ASTM D2266
Penetration	>= 265	>= 265	Worked, 25°C; ASTM D217
Timken Test	27200 g	60.0 lb	

Thermal Properties	Metric	English	Comments
Dropping Point	280 °C	536 °F	ASTM D2265

Descriptive Properties	Value	Comments
Color	grey	
Soap/Thickener Type	calcium sulfonate	
Water Spray Resistance, ASTM D4049, % Spray-off	20	
Water Washout, ASTM D1264, wt%	1	@ 79°C

Descriptive Properties	Value	Comments
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