

ExxonMobil Mobil Delvac Xtreme Service Grease

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Mobil Delvac Xtreme Service Grease is an extra high performance extreme-pressure grease. It is an NLGI 2 grade and is manufactured with a proprietary, high-temperature lithium complex thickener system. It exhibits excellent resistance to softening under severe working and provides good adhesion and cohesion. An extreme-pressure additive provides exceptional protection against wear and shock loads, while additional additives enhance resistance to high-temperature oxidation and protection against rust. Other formulation features provide very good resistance to water wash, and long service in bearings operating at high temperatures. This heavy-duty, severe-service grease has outstanding structural stability and chemical stability, will not corrode steel or copper bearing alloys, and is compatible with conventional seal materials. Mobil Delvac Xtreme Service grease is recommended for use in heavy-duty trucks, especially hinge and bucket pins, U-joints, and fifth wheels. It is also recommended for construction and mining sector applications, particularly for the lubrication of plain and antifriction bearings in contractor and mining vehicles working under severe operating and weather conditions. Mobil Delvac Xtreme Service grease is also recommended for use in heavily loaded industrial bearings. The recommended application temperature range is -20°C to +175°C. Heavy-duty trucks, especially hinge and bucket pins, U-joints, and fifth wheels; Mining and construction equipment; Highly loaded plain and antifriction industrial bearings

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http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Delvac-Xtreme-Service-Grease.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 Wear	0.500 mm	0.0197 in	ASTM D2266
Penetration	-4.00	-4.00	Penetration Consistency Change, mm/10; ASTM D1831
	260	260	Worked, 25°C, mm/10; ASTM D217
Timken Test	>= 18100 g	>= 40.0 lb	

Thermal Properties	Metric	English	Comments
Dropping Point	260 °C	500 °F	ASTM D2265

Descriptive Properties	Value	Comments
Color	orange	
Copper Strip Corrosion, ASTM D4048	1A	
Corrosion Prevention, ASTM D1743	pass	
Soap/Thickener Type	lithium complex	

Descriptive Properties	Value	Comments
Water Washout, ASTM D1264, wt%	6	@ 79 °C

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China