

ExxonMobil Mobil Infinitec 152

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Mobil Infinitec 152 super-long-life grease, recommended for a wide range of automotive and industrial applications, represents a major advance in lithium-complex grease technology. Developed and patented by Exxon Research and Engineering, the proprietary technology of Mobil Infinitec 152 has set a new standard for lithium-complex grease high-temperature performance. Mobil Infinitec 152 out-performs conventional lithium-complex greases in high-temperature durability tests. The exceptional lubricating properties of Mobil Infinitec 152 have also been proven in extensive tests conducted by major bearing manufacturers. Automotive - Mobil Infinitec 152 far exceeds the requirements of the ASTM D 4950 GC-LB grease classification for automotive wheel bearing and chassis applications. Mobil Infinitec 152 was specifically designed to meet the demand for better durability and enhanced high-temperature lubrication in four-wheel drive truck and sport utility vehicle wheel bearings. After extensive testing, a major bearing manufacturer has approved Mobil Infinitec 152 for factory fill in their new high-performance automotive wheel bearings. Industrial - Sealed-For-Life Bearings - Because of its exceptionally long lubrication life, Mobil Infinitec 152 is highly recommended for sealed-for-life bearing applications. Mobil Infinitec 152 is particularly well-suited for high-speed anti-friction bearings operating at high temperatures. In addition, its low oil-bleed properties offer a distinct advantage where minimal leakage is critical. Multi-Purpose - Mobil Infinitec 152 also is ideal for a wide range of multi-purpose industrial applications requiring long-life or extended-lubrication cycles at high temperatures. Its excellent water resistance and extreme-pressure protection exceed the performance levels of conventional multi-purpose light-to-medium-duty industrial greases.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Infinitec-152.php

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	148 cSt	148 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	14.1 cSt	14.1 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	ASTM D2596
Penetration	287	287	60-Stroke, mm/10; ASTM D217
	308	308	100000 Stroke, mm/10; ASTM D217
Oil Separation	0.90 %	0.90 %	ASTM D1742
	1.7 %	1.7 %	High Temperature, 30 hr @ 100°C; FTM321.3
Timken Test	27200 g	60.0 lb	

Thermal Properties	Metric	English	Comments
Dropping Point	>= 300 °C	>= 572 °F	ASTM D2265

Descriptive Properties	Value	Comments
Color	blue	
Corrosion Prevention, ASTM D1743	pass	
Lubrication Life, ASTM D3336, hours	90	@ 177°C
Soap/Thickener Type	lithium complex	
Water Spray Resistance, ASTM D4049, % Spray-off	45	
Water Washout, ASTM D1264, wt%	4	@ 79°C
Wheel Bearing Leakage, ASTM D4290, grams	0.4	@ 160°C
Wheel Bearing Life, ASTM D3527, hours	390	@ 160°C

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