

TECHNICAL PRODUCT INFORMATION

MOREY'S® Moly Complex EP2 Grease

Product Description:

MOLY COMPLEX EP2 is a superior lithium complex grease designed to provide excellent lubricating qualities over a wide range of temperatures. Designed for work under the toughest conditions with excellent mechanical and chemical stability. Moly Complex EP2 is designed to “stay in place” under the worst operating conditions of water-dirt-mud, providing maximum protection and peace of mind. Formulated with 5% molybdenum disulphide for protection against sliding friction wear.

Typical Uses:

- Recommended for wheel bearings, including disc brake applications, fifth wheels, U-joints, steering linkage, and chassis lubricant.
- The adhesive and water resistance qualities of this grease make it an ideal chassis lubricant for “off road” trucks, construction, agricultural, logging, and mining equipment.
- Also recommended for rock crushers, oil field, off shore drilling, and marine equipment.
- Recommended for all types of bearings including plain bearings, heavily loaded journal bearings, ball and roller bearings, needle bearings and couplings.
- Recommended for Caterpillar applications like the 994 series loaders and 5130 and 5230 series shovels.

Features:

- Outstanding wide temperature range grease.
- Meets and exceeds OEM specifications.
- Excellent shock load-carrying ability.
- Unequalled water washout resistance.
- Operating temperature range -40°C to 204°C
- Rust and corrosion inhibited to protect metal surfaces.
- Grease “stays in place” less frequent re-greasing required.
- Extreme pressure protection, 70 lb Timken OK Load.
- Oxidation inhibitors permit operations at high temperatures for extended periods.
- Less down time on your equipment.
- Melting point well above 260°C.
- Excellent grease for most sealed-for-life bearings.
- Formulated with 5% tech fine molybdenum disulphide.
- Excellent pumpability.

NOTE: NOT RECOMMENDED FOR SMALL ANTI-FRICTION BEARINGS OPERATING OVER 5000 RPM.

RECOMMENDED FOR CENTRALISED DISPENSING SYSTEMS COMMONLY FOUND IN INDUSTRIAL PLANTS AND ON HEAVY EQUIPMENT.

Typical Properties:

GRADE NLGI	2
Penetration @ 77°F. (ASTM WORKED)	265-295
Dropping Point ASTM, °C	288
Base Oil Viscosity:	
cSt @ 40°C	120
cSt @ 100°C	12
Timken OK Load, lb	70+
4 Ball Weld Load, ASTM D2596, Kg	+800
Soap Type	Lithium Complex
Colour	Dark Grey
Appearance	Smooth
Rust Test, ASTM D1743	Pass
Water Washout Loss %	5
4 Ball Wear Test MM Scar Diameter	0.44
Load Wear Index	147.4
Oil Separation	3.0
Evaporation Loss ASTM D2592, %	0.3

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.

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