

MOLEX EP GREASE

DESCRIPTION:

MOLEX EP grease is smooth & tacky with high quality mineral oil & lithium soap based grease incorporating multifunctional, EP (extreme pressure) additives, finely dispersed with graphite and 2% to 3% pure molybdenum disulphide (MoS₂), assures long re-greasing intervals when this kind of operation is impossible or must be delayed. It adhesive is firmly to metal surfaces, filling the micro cavities to its excellent adhesion properties. These grease resistance to water washout and the anti corrosive properties is suitable for application exposed to wet environment and in presence of water. It is suitable rolling bearings, wire ropes subjected to extreme mechanical or thermal stress such even in presence of vibrations. It can be used on worksites as universal suitable for both heavy machinery and for parts when the plant is in operation and can be lubricated only at the beginning of every work turn.

APPLICATIONS

- **MOLEX EP-0** and **MOLEX EP-1** provide good low temperature pump ability and are suitable for centralized lubrication and other applications where low temperature performance is required.
- **MOLEX EP-2** is recommended for multipurpose applications in antifriction and plain bearings, stone jaw crusher, bushings and pins under normal operating conditions.
- **MOLEX EP-00** and **MOLEX EP-000** is semi-fluid grease designed for Wire Ropes & Enclosed Gears and Bearings lubrication in many other Industrial and Constructions Applications: Stone Jaw Crusher, Gear Cases, Chain Cases, Underwater Dredging buckets (cutting heads), Rigs Jacking legs on Offshore Drilling and Marine Wire Ropes because of leakage due to worn or missing seals.

FEATURES & BENEFITS

- High base oil viscosity to provide excellent load carrying performance.
- Excellent EP properties leading to high shock load resistance.
- Excellent mechanical stability thereby addressing high vibrating operations.
- High anti-rust and anti-corrosion protects bearing surface even when the grease is contaminated with water.
- Good lubrication even in presence of water, high resistance to water washout for equipment protection.
- Extended bearing life in wet environment for reducing maintenance costs and unanticipated downtime.
- High drop point enabling operations at high temperatures, good pump ability in centralized systems.

PROPERTIES

NLGI	000	00	0	1	2
Appearance	Dark Grey				
Base Fluid	Mineral				
Thickener	Lithium				
Solid Lubricants	MoS ₂ , EP & AW				
Viscosity at 40°C	320	220	220	160	160
Drop Point	-	-	-	+190	+190
Work Penetration	460	415	370	325	280
4 Ball Weld Load	+315	+315	+315	+315	+315
Temperature Range	-20 to +130	-20 to +130	-20 to +130	-20 to +130	-20 to +130

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