

MOLIT-2 HD

MOLY BASED HEAVY DUTY LITHIUM GREASE

DESCRIPTION

These greases are heavy duty high performance grease containing mineral base oils, lithium based thickener, anti-corrosion and anti-oxidant additives, 3% to 4% Molybdenum Disulphide (MoS₂) solid additive provides additional wear protection, carrying high shock loads, vibrations, excellent adhesive properties give extreme mechanical & thermal stress in medium & slow moving plain and rolling element bearing & mining applications at high temperatures performance. It adhesive is firmly to metal surfaces, filling the micro cavities to its excellent adhesion properties. It has excellent resistance to water washout, assures long re-greasing intervals, extended service life reducing maintenance costs.

APPLICATIONS

- These greases are suitable for mining industry in heavy duty construction, earthmoving, mobile & stationery equipment's for heavily loaded off-highway equipment.
- Heavy duty, medium & slow moving plain and rolling element bearings operating in the severe environments under heavy shock loads, high temperatures, copious water presence and at high vibration levels for heavily loaded applications.
- Heavy duty applications in Mining, Sugar Industry, Cement, Power generation, Paper, & chemical Industry applications where severe operating and climatic conditions are experienced
- Operating under higher temperature range is from -20°C to +140°C in severe service applications, and also confers excellent mechanical stability so that the grease structure does not break down in service.

ADVANTAGES & 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 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.

Typical Properties

Properties	HD 220	HD 460	HD 680	HD 860	HD 1000	HD 1500
NLGI Grade	2	2	0, 00, 1, 2			
Appearance / Structure	Dark Grey , Smooth & Tacky					
Thickener Type	Lithium Complex					
Solid Lubricants	3%to4% MoS2, EP&AW					
Drop point	+190					
Worked Penetration	265 - 295		265 - 410			
Viscosity of base oil @40°C	220	460	680	860	1000	1500
Copper Strip Corrosion	1B	1B	1A	1A	1A	1A
Rust Test	Pass					
Temperature range	-20°C - 140°C					
Four ball Weld Load,Kg,Min	350 - 400	620 - 800				

*The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.*

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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