

LITHIUM EPL - 1,2&3

MINERAL BASED LITHIUM HEAVY DUTY GREASES

DESCRIPTION

Lithium EPL Greases are premium quality greases designed for automotive and industrial applications. They also contain Lithium and antioxidants, anti-corrosion and special EP additives together provides protection against rust and oxidation grease with good surface adhesion properties for plain & anti-friction bearings with high pump-ability and heavy shock loads. These greases are suitable for good performance in the areas of corrosion protection for low, medium & high speed & temperature service life. These Greases are specially formulated for heavy duty industrial applications.

APPLICATIONS

- EPL 1 Grease provide good low temperature pump ability and are suitable for centralised lubrication and other applications where low temperature performance is required.
- EPL-2 Grease is recommended for multipurpose applications in anti-friction and plain bearings, stone jaw crusher & Cone, bushings and pins under normal operating conditions.
- EPL-3 Grease is stiffer grease recommended for applications where maximum protection against penetration of water or solid contaminants is required Example: Quarry (Jaw Crusher).

ADVANTAGES & BENEFITS

- Reduced wear under heavy shock and vibration for good equipment reliability and availability.
- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water.
- Extended bearing life in wet environment for reduced bearing costs and unanticipated downtime.
- Good pump ability in centralized systems.

Typical Properties

Properties	Test Method	EPL - 1	EPL - 2	EPL - 3
NLGI Grade	-	1	2	3
Appearance / Structure	Visual	Dark Brown , Smooth & Tacky		
Soap Type	-	Lithium	Lithium	Lithium
Worked Penetration @25°C , after 60 strokes , 0.1 mm units	ASTM D217	310 - 340	265 - 295	220 - 250
Drop point	ASTM D2265	180	190	195
Viscosity of base oil @40°C , cST , Min	ASTM D455	180 - 220		
Copper Strip Corrosion @ 100°C for 24hrs	ASTM D4408	1B	1B	1B
Four - Ball Weld Load , Kg , Min	ASTM D 2596	250	250	250
Four - Ball Wear Scar Diameter , mm	ASTM D 2266	0.5	0.5	0.5
Timken OK Load , Lbs	ASTM D2509	30		

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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SLK ENTERPRISES

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