



BP Energrease LC 2M

High Performance Lithium Complex Grease Containing MoS2

Description

Energrease LC 2M is a premium lithium complex, extreme pressure grease intended for a wide range of applications. It is based on high quality mineral oil of ISO VG 320. It is formulated to provide excellent high temperature performance, with good adhesion, structural stability and resistance to water. This grease has a high level of chemical stability and offers excellent protection against rust and corrosion. It contains molybdenum disulfide to provide added wear protection of sliding components and chassis parts. The maximum operating temperature range is -30°C to +175°C with appropriate relubrication intervals.

Energrease LC 2M does not contain lead, chlorine or nitrites.

Application

Energrease LC 2M is recommended for moderate speed paper/steel mill bearings and construction and mining equipment. It is a NLGI 2 grease formulated with an ISO VG 320 oil and is fortified with 5% molybdenum disulphide.

Advantages

Energrease LC 2M offers the following benefits:

- Reduced downtime and maintenance costs because of outstanding protection against wear, rust and corrosion
- Extended service life in high temperature applications
- Excellent resistance to water washout and contamination

Typical Characteristics

Test	Method	Unit	Grade
			NLGI 2
Thickener type	-	-	Lithium complex
Colour	Visual	-	Grey / black
Texture	Visual	-	Smooth
Worked Penetration, 25 °C / 60 strokes	ASTM D217	0.1 mm	265 - 295
Working Stability 60 / 100000 strokes	ASTM D217	0.1 mm	+25
Dropping Point	ASTM D2265	°C	285
Oil Separation	IP 121	%	5
Base oil viscosity 40 °C	ASTM D446	mm ² /s	320
Four Ball Weld Load	ASTM D2783	N	2800
Four Ball Wear Scar Diameter	ASTM D2266	mm	0.5

Storage

All packages should be stored upright in a covered area, away from extreme climatic influences, dirt and dust.

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