



Lubrigrease LC EPX 2

GRS-6021

Heavy duty manufacturing grease

CLASSIFICATION

DIN 51502 KP2N-20
ISO 6743 ISO-L-XBDIB2

PRODUCT DESCRIPTION

Lubrigrease LC EPX 2 is a lithium-calcium complex thickened lubricating grease based on a high viscous mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology.

The thickener, together with the high viscous base oil, make the product suitable for the lubrication of slow moving and heavily loaded bearings. The product has good adhesion and mechanical stability even in presence of water and corrosive fluids. The specially developed bismuth additive package gives the grease a very high load carrying capacity and excellent wear protection.

Lubrigrease LC EPX 2 is a high tech product specially designed for heavily loaded industrial applications. The product is the primary choice for applications where shock loads or severe water flushing can occur.

- Excellent water resistance
- Extreme load carrying capacity
- Endures high shock loads
- Excellent corrosion protection

TYPICAL TECHNICAL DATA

Thickener		Lithium-Calcium Complex
Base oil		Mineral oil
Colour	Visual	Brown
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>250°C
Base oil viscosity at 40°C	ISO 12058	1100 mm ² /s
Base oil viscosity at 100°C	ISO 12058	46 mm ² /s
4-ball weld load	DIN 51350:4	5500 N
Temperature range		-20°C to +150°C Max +220°C

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Lubrita check oil level design is trade mark of PMM Ltd. or one of its subsidiaries.

More information available:

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lubricants



TYPICAL TECHNICAL DATA

Mechanical stability

Penetration 60 strokes	ISO 2137	Typical Value 265-295
Penetration 100.000 strokes	ISO 2137	+40

Corrosion protection

SKF Emcor distilled water	ISO 11007	0-0
SKF Emcor salt water	ISO 11007	1-1
SKF Emcor WWO distilled water	ISO 11007mod	0-0
SKF Emcor WWO salt water	ISO 11007mod	3-3
Copper corrosion 24h/100°C	ASTM D4048	1a

Water stability

Water resistance	DIN 51807/1	1-90
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Lubrication ability

SKF R2F test A	SKF	Pass
SKF R2F test B at 140°C	SKF	Pass

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,7 mm
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Others

Approx. density at 20°C	IPPM-CS/03	0,95
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