



Lubrigrease EPX 225

GRS-6012

General manufacturing grease

CLASSIFICATION

DIN 51502 KP2.5N-30
ISO 6743 ISO-L-XCDIB2.5

PRODUCT DESCRIPTION

Lubrigrease EPX 225 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability. This enhances the performance in vibrating housings and prolongs re-lubrications intervals.

Lubrigrease EPX 225 is a modern high performance product setting a new standard for a truly universal grease suitable for both industrial and automotive applications. The product's allround properties make it the primary choice for various types of bearing applications including heavy load conditions, vibrating applications and temperature peaks up to 220°C.

- Excellent at high temperatures
- Very good mechanical stability
- Wide range of applications
- Good corrosion protection

TYPICAL TECHNICAL DATA

Thickener		Lithium Complex
Base oil		Mineral oil
Colour	Visual	Yellowish-brown
NLGI Grade	ASTM D217	2.5
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	215 mm ² /s
Base oil viscosity at 100°C	ISO 12058	18 mm ² /s
4-ball weld load	DIN 51350:4	2800 N
Temperature range		-30°C to +140°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 it's subsidiaries.



TYPICAL TECHNICAL DATA

Mechanical stability

		Typical Value
Penetration 60 strokes	ISO 2137	245-275
Penetration 100.000 strokes	ISO 2137	+35
Shell roll stability 50h/80°C	ASTM D1831mod	+70

Corrosion protection

SKF Emcors distilled water	ISO 11007	0-0
SKF Emcors salt water	ISO 11007	2-2
SKF Emcors WWO distilled water	ISO 11007mod	0-0
SKF Emcors WWO salt water	ISO 11007mod	2-3
Copper corrosion 24h/100°C	ASTM D4048	1b

Water stability

Water resistance	DIN 51807/1	1-90
Water washout 1h/80°C	ISO11009	3%

Oil Separation

Separation 168h/40°C	IP 121	2%
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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	0,8 mm
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Others

Oxidation stability 100h/100°C	ASTM D942	22 kPa
Flow pressure -30°C	DIN 51805	1400 hPa
Approx. density at 20°C	IPPM-CS/03	0,95

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