



Lubrigrease EPX 22

GRS-6011

General manufacturing grease

CLASSIFICATION

DIN 51502 KP2N-30
ISO 6743 ISO-L-XCDIB2

PRODUCT DESCRIPTION

Lubrigrease EPX 22 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 22 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 and temperature peaks up to 220°C.

Lubrigrease EPX 22 meets Volvo standard "Lubricating grease 97720".

- Excellent at high temperatures
- Very good mechanical stability
- High load carrying capacity
- Good corrosion protection

TYPICAL TECHNICAL DATA

Thickener		Lithium Complex
Base oil		Mineral oil
Colour	Visual	Yellowish-brown
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	210 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	265-295
Penetration 100.000 strokes	ISO 2137	+30
Shell roll stability 50h/80°C	ASTM D1831mod	+70
SKF V2F (500 and 1.000 rpm)	SKF	Pass
SKF WBG	SKF	Pass

Corrosion protection

SKF Emcor WWO distilled water	ISO 11007mod	0-1
SKF Emcor WWO salt water	ISO 11007mod	2-3
SKF Emcor acid solution	ISO 11007	0-0
Copper corrosion 24h/100°C	ASTM D4048	1a

Water stability

Water resistance	DIN 51807/1	1-90
Water washout 1h/80°C	ISO11009	4%

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	0,7 mm
Timken 55 lbs	IP 326	OK

Others

Oxidation stability 100h/100°C	ASTM D942	14 kPa
Flow pressure -35°C	DIN 51805	<1400 hPa
Approx. density at 20°C	IPPM-CS/03	0,95

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