



Lubrigrease SEP 2

GRS-6014

General manufacturing synthetic grease

CLASSIFICATION

DIN 51502 KPHC2N-55
ISO 6743 ISO-L-XEDIB2

PRODUCT DESCRIPTION

Lubrigrease SEP 2 is a lithium complex thickened lubricating grease based on synthetic oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology.

The special low viscous synthetic oil gives the product very low starting and running torques making it suitable for low temperature applications. The grease is also suitable for bearings operating at high speed. The specially developed bismuth additive package gives the grease a very high load carrying capacity and excellent wear protection.

Lubrigrease SEP 2 is a modern high performance synthetic product suitable for both industrial and automotive applications and in modern centralised lubrications systems operating at low temperatures. The grease is suitable for use down to -55°C.

- Excellent low temperature performance
- Very good mechanical stability
- Good corrosion protection
- Suitable for high speed applications

TYPICAL TECHNICAL DATA

Thickener		Lithium Complex
Base oil		Synthetic oil
Colour	Visual	Beige
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	44 mm ² /s
Base oil viscosity at 100°C	ISO 12058	8 mm ² /s
4-ball weld load	DIN 51350:4	3800 N
Temperature range		-55°C to +140°C Max +180°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.



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	+45

Corrosion protection

SKF Emcor WWO distilled water	ISO 11007mod	0-1
SKF Emcor 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	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	0,6 mm
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Others

Approx. density at 20°C	IPPM-CS/03	0,87
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