



Lubrigrease HT 2

GRS-6017

High temperature grease

CLASSIFICATION

DIN 51502 KE2R-20
ISO 6743 ISO-L-XBFFA2

PRODUCT DESCRIPTION

Lubrigrease HT 2 is a lithium complex thickened lubricating grease based on a special synthetic high temperature ester. The grease contains antioxidants.

The lithium complex soap, together with the special synthetic ester, make the product suitable for 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 relubrication intervals.

Lubrigrease HT 2 is a modern high performance product suitable for various types of bearing applications in heavy industry. The product is the primary choice for bearing applications at elevated temperatures.

- Excellent at high temperatures
- Very good mechanical stability

TYPICAL TECHNICAL DATA

Thickener		Lithium Complex
Base oil		Synthetic oil
Colour	Visual	Beige
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>280°C
Base oil viscosity at 40°C	ISO 12058	177 mm ² /s
Base oil viscosity at 100°C	ISO 12058	18 mm ² /s
4-ball weld load	DIN 51350:4	2200 N
Temperature range		-20°C to +180°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.

More information available:

web page: www.lubrita.com
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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	+25

Corrosion protection

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

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 120°C	SKF	Pass
SKF R0F L ₅₀ at 170°C	SKF	500 h

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	0,90
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