



Lubrigrease WR 2

GRS-6028

Water resistant grease

CLASSIFICATION

DIN 51502 KP2K-20
ISO 6743 ISO-L-XBCIB2

PRODUCT DESCRIPTION

Lubrigrease WR 2 is an anhydrous calcium thickened lubricating grease based on a mixture of mineral oil and polymer. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The thickener, together with the special base oil blend, makes the product suitable for the lubrication of heavily loaded bearings and in wet and corrosive environments. The lubricating grease has excellent adhesion and water resistance.

Lubrigrease WR 2 is especially developed for marine applications and as an universal grease for forestry, agricultural and construction vehicles. The product is also suitable in industrial applications where water washout and corrosion are problematic. The grease is easily pumpable in most of the modern centralised lubrication systems despite of its high base oil viscosity. At low temperatures, Lubrigrease WR 0 is recommended instead.

- Extremely water resistant
- Excellent corrosion protection
- Endures high shock loads
- Excellent adhesion

TYPICAL TECHNICAL DATA

Thickener		Anhydrous Calcium
Base oil		Mineral Oil/Polymer
Colour	Visual	Light yellow
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>140°C
Base oil viscosity at 40°C	ISO 12058	1300 mm ² /s
Base oil viscosity at 100°C	ISO 12058	106 mm ² /s
4-Ball weld load	DIN 51350:4	2800 N
Temperature range		-20°C to +120°C, Max +130°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:

web page: www.lubrita.com
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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	+20

Corrosion protection

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

Water stability

Water resistance	DIN 51807/1	0-90
Water washout 1h/80°C	ISO11009	2 %

Oil seperation

Separation 168h/40°C	IP 121	1%
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Lubrication ability

SKF R2F test A	SKF	Pass
SKF R2F test B at 120°C	SKF	Pass

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,8 mm
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Others

Approx. density at 20°C	IPPM-CS/03	0,94
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