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- Certificate / ProductInformation -

RAVENOL Mehrzweckfett mit Graphit

Art. 1340102

Description:

RAVENOL Mehrzweckfett mit Graphit is a lithium saponified multipurpose grease with finely divided graphite to increase heavy loads at very high temperatures.

RAVENOL Mehrzweckfett mit Graphit is formulated with a highly refined base oil mixture which contains less than 3% polycyclic aromatics.

Through the graphite at high temperatures a lubrication film on the metals is formed, and the graphite takes lubrication to achieve optimal results.

The optimized formulation of **RAVENOL Mehrzweckfett mit Graphit** can also capture temperature peaks in the application.

Application Directions:

RAVENOL Mehrzweckfett mit Graphit has been designed for applications exposed to high temperatures and shock loads.

RAVENOL Mehrzweckfett mit Graphit is used in oven conveyor belts, pistons in hydraulic pumps and all types of bearings that run at low speeds.

RAVENOL Mehrzweckfett mit Graphit is also used as a sealant in high temperature gaskets from steam pipes and other hot pipe connections.

Quality Classification:

RAVENOL Mehrzweckfett mit Graphit is tried and tested for aggregates specifying:

Specification: DIN 51 502: KPF2K-30, ISO 6743 Part 9: ISO-L-XCCFB2

Technical Characteristics:

RAVENOL Mehrzweckfett mit Graphit offers:

- Extreme shear stability
- Excellent corrosion protection
- Very good mechanical and chemical stability
- Very good aging resistant
- Good pump output also at low temperatures

Technical Values:

Characteristics	Unit	Data	Test according to
Colour		grey-black	Visual
Thickener		Lithium Complex Soap	
Additive		Graphite	
NLGI-Class		2	DIN 51 818
Product-Classification		KPF2K-30	DIN 51 502
		ISO-L- XCCFB2	ISO 6743 P.9
Working Temperature	°C	-30 / +120	DIN 51825
Short Term up to	°C	130	
Worked Penetration at 60 Strokes	mm/10 at 25°C	265-295	ISO 2137
Corrosion (SKF Emdor dist. Water)	Corr. Degree	1	DIN 51 802
Dropping Point	°C	>180	DIN ISO 2176
Copper Corrosion (24h/120°C)		1	DIN 51 811
Water Resistance (3h/90°C)	°C	1-90	DIN 51 807 P.1
VKA Pressure Carrying Capacity	N	2000 - 2200	DIN 51 350 P.4
Kinematic Viscosity (Base Oil)	mm ² /s at 40°C	80	DIN 51562-1

All indicated data are approximate values and are subject to the commercial fluctuations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

24.03.14