



RAVENOL Mehrzweckfett mit Graphit

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 Notes

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 Classifications

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

Specifications

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

Characteristic

RAVENOL Mehrzweckfett mit Graphit offers:

- an extreme shear stability
- an excellent corrosion protection
- a very good mechanical and chemical stability
- a very good aging resistant
- a good pump output also at low temperatures

Characteristics	Unit	Data	Audit
Colour		grey-black	visual
Thickener		Lithium-Komplexeifen	-
Additives		Graphit	-
NLGI-Class		2	DIN 51 818
DIN-Product-Classification		KPF2K-30	DIN 51 502
ISO-Product-Classification		ISO-L-XCCFB2	ISO 6743 P.9
Working Temperature	°C	-30/+120	DIN 51 825
Short Term up to	°C	130	-
Worked Penetration 60 strokes	mm/10 bei 25°C	265-295	ISO 2137
Corrosion (SKF Emcor 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 T.1
VKA Pressure Carrying Capacity	N	2000 - 2200	DIN 51 350 T.4
Kinematic Viscosity (Base Oil)	mm ² /s bei 40°C	80	DIN 51562-1

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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