



## RAVENOL Mehrzweckfett mit Graphit



### ART.-NR. 1340102

1 kg	1340102-001
5 kg	1340102-005
10 kg	1340102-010
15 kg	1340102-015
25 kg	1340102-025
100 g	1340102-100
180 kg	1340102-180
200 g	1340102-200
400 g	1340102-400

**SPECIFICATIONS** DIN 51 502: KPF2K-30, ISO 6743 PART 9: ISO-L-XCCFB2

**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.

## Characteristics

**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



Property	Unit	Data	Audit
Colour		grau-schwarz	visual
Thickener		Lithium-Komplexseifen	-
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 Emscor 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 <sup>2</sup> /s bei 40°C	80	DIN 51562-1

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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