



# RAVENOL Mehrzweckfett mit Graphit

**Kategorie:** Grease

**Artikelnummer:** 1340102

**Specifications:** DIN 51502: KPF2K-30, ISO 6743-9: ISO-L-XCCFB2

**Application:** Industry, Passenger car, Truck, Agricultural machinery



**5L | 1340102-005**

**15L | 1340102-015**

**180L | 1340102-180**

**400L | 1340102-400**

**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 instructions

**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

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

## Technical Product Data

| CHARACTERISTICS                         | PROPERTY           | DATA                  | AUDIT        |
|---|--------------------|-----------------------|--------------|
| Colour                                  |                    | grau-schwarz          | VISUELL      |
| Dropping Point                          | °C                 | >180                  | DIN ISO 2176 |
| Thickener                               |                    | Lithium-Komplekseifen | DIN 51757    |
| VKA Pressure Carrying Capacity          | N                  | 2000 - 2200           | DIN 51350-4  |
| Worked Penetration at 60 Strokes        | mm/10/25°C         | 265-295               | ISO 2137     |
| Water Resistance (3h/90 °C)             | °C                 | 1-90                  | DIN 51807-1  |
| Additives                               |                    | Graphit               | DIN 51757    |
| Working Temperature                     | °C                 | -30 / +120            | DIN 51825    |
| Kinematic Viscosity (Base Oil) at 40 °C | mm <sup>2</sup> /s | 80                    | DIN 51562-1  |
| Corrosion (SKF Emscor dist. Water)      | Korr. Grad         | 1                     | DIN 51802    |
| Copper Corrosion (24h/120 °C)           |                    | 1                     | DIN 51811    |
| Short term temperature up to            | °C                 | 130                   | DIN 51757    |
| NLGI-Class                              |                    | 2                     | DIN 51818    |
| Product Classification                  |                    | KPF2K-30              | DIN 51502    |