

Ravensberger Schmierstoffvertrieb GmbH
Postfach 1163
33819 Werther
Tel.: 05203/9719-0
Fax.: 05203/9719-40 / 41

- Certificate / ProductInformation -

RAVENOL BIO-Abschmierfett 2

Art. 1340116

Description:

RAVENOL BIO-Abschmierfett 2 is a natural colored lubricating grease, based on a calcium saponified biodegradable base oil.

Application Directions:

RAVENOL BIO-Abschmierfett 2 is suitable for the lubrication of plain and roller bearings and other lubrication points up to the indicated temperatures, especially at points of loss lubrication where excessed and displaced grease can get into the soil, drains or surface waters.

RAVENOL BIO-Abschmierfett 2 is due to the ester base oil not suitable for the lubrication of high-speed, rarely relubricated bearings (i.e. wheel bearings). Relubrication intervals should be shortened accordingly at higher temperatures.

Quality Classification:

RAVENOL BIO-Abschmierfett 2 is tried and tested for aggregates specifying:

Specification: DIN 51 502: KE2E-20, ISO 6743 Teil 9: ISO-L-XBAEA2

Technical Characteristics:

RAVENOL BIO-Abschmierfett 2 offers:

- Biodegradability 72% wt (OECD 301B)
- Worked stability
- Water resistance
- Good corrosion protection properties
- Good adherence

Technical Values:

Characteristics	Unit	Data	Test according to
Colour		Brown	Visual
Thickener		Calcium Complex Soap	
NLGI-Class		2	DIN 51 818
Product-Classification		KE2E-20	DIN 51 502
		ISO-L-XBAEA2	ISO 6743 P.9
Working Temperature	°C	-20 / +80	DIN 51825
Short Term up to	°C	110°C	
Worked Penetration at 60 Strokes	mm/10 at 25°C	265-295	ISO 2137
Corrosion (SKF Emcor dist. Water)	Corr. Degree	0	DIN 51 802
Dropping Point	°C	150	DIN ISO 2176
Copper Corrosion (24h/120°C)		1	DIN 51 811
Water Resistance (3h/90°C)	°C	0-40	DIN 51 807 P.1

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

Note: The storage stability of readily biodegradable products based on native base oil (rapeseed oil) is naturally limited. The containers should be tightly closed, dry and stored at room temperature.

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.

07.04.14