

Technical Data Sheet

Divinol Fett R 2

Product description

- calcium saponified grease
- based on rape oil
- work stable
- corrosion and water resistant
- good wear protection characteristics
- classification K 2 E-20 as per DIN 51 825
- classification ISO-L-XBAHA 2 as per ISO/DIS 6743-9
- rapidly biodegradable within 28 days > 60% according to OECD 301F

Characteristics

Colour / Appearance:	yellowish, smooth
Thickening agent:	Calcium soap
Operating temperature range:	-20°C - +80°C
NLGI-class / DIN 51 818:	2
Base oil viscosity/40°C / ASTM D 7042:	36 mm ² /s
Water content / DIN 51 777/T1:	< 0,2 %
Dropping point / DIN ISO 2176:	> 130 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	280
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137:	300
Water resistance / DIN 51807-1:	Evaluation level 0
Flow pressure at -20°C / DIN 51 805:	400 hPa
Oil separation / DIN 51 817:	< 5 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Oxidation resistance 100°C/100h / DIN 51 808:	0.8 bar

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Application

Divinol Fett R 2 is a water repellent car grease based on rape oil for thermally low charged lubricating spots with loss-lubrication and for continuous re-lubrication. It is used e. g. in the field of water economy, agriculture and forestry. Preferably do not mix with lubricants based on mineral oil otherwise the biodegradability will be influenced negatively. The product is not suitable for water pumps and highly charged wheel-hubs.

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