



## RAVENOL KFZ-Fließfett ZSA

RAVENOL KFZ-Fließfett ZSA is a lithium saponified EP grease for mobile central lubricating equipment.

### Application Notes

RAVENOL KFZ-Fließfett ZSA is recommended by Willy Vogel, Mercedes-Benz and MAN for central lubricating equipment.

### Quality Classifications

RAVENOL KFZ-Fließfett ZSA has been approved according to MAN 283 Li-P 00/000 and MB 264.0. It has been approved by Willy Vogel AG for the use in VOGEL FF ZSA (maximum distributor connected load at 20 m main line length 10 cm<sup>3</sup>, can be increased to 20 cm<sup>3</sup> below 12 m main line length. Limitation of use - 20°C).

### Specifications

DIN 51 502: GP00K-30, ISO 6743 Part 9: ISO-L-XCCEB00

### Approvals

MAN 283 Li-P 00/000, MB-Approval 264.0, Willy Vogel AG for the use in VOGEL FF ZSA (maximum distributor connected load at 20 m main line length 10 cm<sup>3</sup>, can be increased to 20 cm<sup>3</sup> below 12 m main line length. Limitation of use - 20°C)

### Characteristic

RAVENOL KFZ-Fließfett ZSA is characterised by the following:

- a very good thermic stability
- a very good adhesion on metallic surfaces
- an excellent pump output, also at low temperatures
- a very good corrosion and oxidation protection
- an extreme shear stability
- can be transported in case of changing climatical conditions over long distances and small sections.

Characteristics	Unit	Data	Audit
Colour		green	visual
Thickener		Lithium Complex Soap	-
NLGI-Class		00	DIN 51 818
DIN-Product-Classification		GP00K-30	DIN 51 502
ISO-Product-Classification		ISO-L-XCCEB00	ISO 6743 P.9
Working Temperature	°C	-30 /+120	DIN 51 825
Short Term up to	°C	120	-
Worked Penetration 60 strokes	mm/10 bei 25°C	400-430	ISO 2137
Corrosion (SKF Emcor dist. Water)	Corr. Degree	1	DIN 51 802
Dropping Point	°C	185	DIN ISO 2176
Copper Corrosion (24h/120°C)		1	DIN 51 811
Water Resistance (3h/90°C)	°C	1-90	DIN 51 807 P.1
VKA Pressure Carrying Capacity	N	lower 2000	DIN 51 350 P.4
Kinematic Viscosity (Base Oil)	mm <sup>2</sup> /s bei 40°C	40	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.

05.04.2016

Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41