

Technical Data Sheet

Divinol Fett ZSA

Product description

- work stable, lithium soap fluid grease
- water resistant
- oxidation and corrosion resistant
- free of lead, barium and chlorine
- offers good wear protection
- classification GP 00 K-40 as per DIN 51 826
- classification ISO-L-XDCHB 00 as per ISO/DIS 6743-9

Approval

Divinol Fett ZSA has the approval of Mercedes-Benz for fluid greases in commercial vehicles according to page 264 as well as the approval by the company Willy Vogel AG, Central lubrication systems, Berlin. Moreover, **Divinol Fett ZSA** has the certification according to MAN 283 Li-P 00/000 for MAN commercial vehicles.

Characteristics

Colour / Appearance:	light green, smooth
Thickening agent:	Lithium soap
Operating temperature range:	-40°C - +120°C
NLGI-class / DIN 51 818:	00
Base oil viscosity/40°C / ASTM D 7042:	68 mm ² /s
Water content / DIN 51 777/T1:	0,1 %
Dropping point / DIN ISO 2176:	> 160 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	430
Worked penetration/0.1mm, 5000 double strokes / DIN ISO 2137:	440
Water resistance / DIN 51807-1:	Evaluation level 1
Flow pressure at -35°C / DIN 51 805:	50 hPa
Oil separation, short-time test / DIN 51 817:	7,2 %

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Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Corrosion effect on copper 24h/100°C / DIN 51 811:	Corrosion degree 1
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	2400 N
Elastomer test Standard-reference, Elastomer SRE-NBR 34 100° C/7d - Change in hardness / DIN 53 505:	-2 Sha
Elastomer test Standard-reference, Elastomer SRE-NBR 34 100° C/7d - Change in volume / DIN ISO 1817:	+6,8 %

Application

Divinol Fett ZSA is useable in central lubrication systems as well as for gear lubrication. The grease is easily pumpable even at low temperatures.

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