



OPUS LUBRICANTS PRODUCT DATA

KAJO HOCHDRUCKFETT EP

Description

KAJO-Extreme Pressure Greases EP – series are based on high-quality base oils by using lithium soaps (Li-12-hydroxy stearate) as thickener. Due to this they avail of an outstanding work resistance. Furthermore, **KAJO-Extreme Pressure Greases EP – series** contain additives to improve the rust and corrosion-preventing behaviour.

Benefits

Lubricating greases for the universal use in the industry and automotive sector. With only few exceptions, **KAJO-Extreme Pressure Greases EP – series** are very suitable for most applications. They are used as greases for friction bearings and roller bearings at lubricating points of motor vehicles, equipment, machinery, conveying systems, construction machines etc. **KAJO-Extreme Pressure Greases EP 1** is practice tried and tested in VOGEL-central lubrication systems.

Typical Data

Properties	EP1	EP2	EP3	Unit	DIN / ISO
Character	soft, very smooth	soft, very smooth	more solid, very smooth		
Colour	natural-coloured	natural-coloured	natural-coloured		
Thickening agent	Li-soap	Li-soap	Li-soap		
Dropping point	> 180	> 180	> 180	°C	DIN ISO 2176
Worked penetration	310 – 340	265-295	220-250	0,1 mm	DIN ISO 2137
Penetration after prolonged walking*: - 100.000 double strokes: - 500.000 double strokes: - 1.000.000 double strokes:	335 368 390	288 295 300	235 248 265	1/10 mm 1/10 mm 1/10 mm	DIN ISO 2137
NLGI-class	1	2	3		DIN 51 818
Behaviour against Water 5 h / +90 °C	0/1 – 90	0/1 - 90	0/1 - 90		DIN 51 807-1
Emcor-test Corrosion degree	1	1	1	evaluation grade	DIN 51 802
Copper-corrosion: 120 °C / 3 h	1B	1B	1B		DIN 51 811
Oil separation at 40 °C: 18 h: 7 d:	0,50 2,40	0,45 1,60	0,25 0,90	% %	DIN 51 817
Testing in Shell-four-ball testing apparatus: O.K. load: Welding load:	2000 2200	2400 2600	2000 2200	N N	DIN 51 530
Ignition residue as oxide ash	1,2	1,2	1,2	Gew.-%	EN ISO 6245
Operation temperature short-term	-30 up to +120 up to +130	-30 up to +120 up to +130	-30 up to +120 up to +130	°C °C	
Identification	KP 1 k-30	KP 2 k-30	KP 3 k-30		DIN 51 502

All ratings are average values and are subject to production-related variations.



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