



PRODUCT DATA SHEET



EKOGREASE FM 2 Aluminum complex food machinery grease

DESCRIPTION

EKOGREASE FM 2 is an aluminum complex grease manufactured with pharmaceutical grade white oils and polymers and enhanced with antioxidants and anti-wear additives (EP/AW).

EKOGREASE FM 2 has been specially designed for use in the food industry.

SPECIFICATIONS

DIN 51502 KP2K-20, ISO 12924 L-XB (F) CDB2.

APPLICATIONS

- EKOGREASE FM 2 contains aluminum complex soap which, combined with the base fluid's high viscosity, make it ideal for roller bearings operating at low or moderate speeds and carrying heavy loads.
- It may be used to lubricate roller and/or plain bearings, as well as other mechanical parts of food machinery, where there is a possibility of incidental or accidental contact with food.

ADVANTAGES

- Good oxidation resistance.
- Excellent heavy-load performance.
- Good resistance to washout by water.
- Suitable for the lubrication of machinery used in the food industry.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKOGREASE FM 2
Soap base	-	-	Aluminum complex
Base fluid	-	-	Pharmaceutical white oils (paraffin)
NLGI	ASTM D 217	-	2
Colour	Visual Inspection	-	White
Dropping point	IP 396	°C	>230
Base oil viscosity at 40°C	ASTM D 7152	cSt	550
Worked penetration 60 strokes	ISO 2137	mm ⁻¹	265-295
Washout resistance	ISO 11009	%	<10
SKF Emcor dist. water	ISO 11007	-	>1-1
Water resistance at 90°C	DIN 51807:1	-	0
4-ball weld load	DIN 51350:5	N	6000
SKF R2F B at 120°C	SKF	-	Pass
Operating temperature	-	°C	-20°C to +120°C, max. 130°C

HEALTH AND SAFETY

Protect the environment while disposing of used product.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. + 30 210 5509511 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.