



Oléusgrease EFL 132

CLASSIFICATION

DIN 51502 KEP2G-20 ISO 6743 ISO-L-XBBIB2

PRODUCT DESCRIPTION

Oléusgrease EFL 132 (environmental friendly lubricant) is an anhydrous calcium thickened lubricating grease based on an optimal blend of renewable biodegradable vegetable oils and biologically degradable esters. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The thickener, together with the environmentally adapted base oil, make the product suitable for various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity and corrosion protection, making it suitable for heavily loaded bearings as well as wet environments. This product can be used as friction modifier with Oléus BaseKote HL 20 for moving heavy objects. The combination of these two products results in a stated coefficient of friction below μ 0,02

Oléusgrease EFL 132 is a modern high performance readily biodegradable grease for industrial, automotive and marine applications. The product's all-round properties make it the primary choice for various types of bearing applications especially in cases with "lost lubrication". Do not use in "long life lubricated" applications.

TYPICAL TECHNICAL DATA

Thickener		Anhydrous Calcium
Base oil		Vegetable oil/Biodegradable ester
Colour	Visual	Light brown
NLGI Grade	ASTM D217	2
Dropping point	IP 396	> 140 °C
Base oil viscosity at 40 °C	ISO 12058	130 mm ² /s
Base oil viscosity at 100 °C	ISO 12058	24 mm ² /s
4-Ball weld load	DIN 513504	2800 N
Temperature range		-20°C to + 80°C, Max + 100° C



Typical technical data

Mechanical stability	ISO 2137	265-295
Penetration 60 strokes	ISO 2137	+25
Penetration 100.000 strokes		

Corrosion protection

SKF Emscor WWO distilled water	ISO 11007mod	0-0
SFK Emscor WWO salt water	ISO 11007mod	3-3
Copper corrosion 24h/100 °C	ASTM D4048	1b

Water stability

Water resistance	DIN 51807/1	0-90
Water wash out 1h/80°C	ISO 11009	5%

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,5mm
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Others

Approx. density at 20 °C	IPPM-CS/03	0,93
Biodegradability	OECD 301B	>80%

