

ISO 12924: L-XD(F)CHB2
DIN 51502: KPE2K-40



EAL



EXTREME
PRESSURE



FOOD
GRADE



LOW
TEMPERATURE



WATER
RESISTANT

PRODUCT DESCRIPTION

HYCAL 752 EPEF FMS is an anhydrous calcium thickened lubricating grease based on biodegradable esters. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The thickener, together with the biodegradable esters, make the product suitable for lubrication of heavily loaded bearings and in wet and corrosive environments, even at low temperatures. The lubricating grease has excellent adhesion and water resistance.

HYCAL 752 EPEF FMS is a modern high performance EAL & H1 grease for diversified use. The product is suitable as an universal grease in food processing industry, forestry, agricultural and construction vehicles. The grease is easily pumpable in most modern centralised lubrication systems.

Compliant to VIDA (VGP) legislation, Swedish Standard 155470 and the EU Ecolabel.

Registered at NSF according to H1 regulations for lubricants with potential for incidental food contact.



Nonfood Compounds
Program Listed H1
Registration N° 161964



Kosher certified



Halal certified

Readily biodegradable
Very good resistance to water
Very good low temperature mobility

TYPICAL TECHNICAL DATA

Thickener		Anhydrous Calcium
Base fluid		Ester
Texture		Smooth
Colour	Visual	Beige
NLGI Grade	ASTM D 217	2
Dropping point	IP 396	> 140°C
Base oil viscosity at 40°C	ASTM D 7152	220 mm ² /s
Base oil viscosity at 100°C	ASTM D 7152	26 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	2800 N
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 79°C	ISO 11009	≤ 5 %
Emcor dist water	ISO 11007	1 - 1
Flow Pressure at -40°C	DIN 51805 mod	< 1400 mbar
Readily biodegradable content	EEL calculation	> 60 %
FE9 (120°C/6000rpm/1500N)	DIN 51821	F50 ≥ 100 h
Density	IP 530	950 kg/m ³
Temperature range		-40°C to +120°C (Max. 130°C)

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.