

ISO 12924: L-XD(F)BIB2
DIN 51502: KPE2G-40



CORROSION PROTECTION



EAL SS 155470



EXTREME PRESSURE



HEAVY LOADS



WATER RESISTANT

PRODUCT DESCRIPTION

Biogrease Heavy EP 2 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.

Biogrease Heavy EP 2 is a modern high performance EAL grease for diversified use. The product is suitable for marine on-deck applications and serve as an universal grease for forestry, agricultural and construction vehicles. The grease is easily pumpable in most modern centralised lubrication systems.

Biogrease Heavy EP 2 is compliant to 2013 VGP legislation, the Swedish Standard 155470 and the EU Ecolabel.



SS 155470

Readily biodegradable
Excellent water resistance
Good corrosion resistance

TYPICAL TECHNICAL DATA

Thickener		Anhydrous Calcium
Base fluid		Ester
Texture		Smooth
Colour	Visual	Yellow
NLGI Grade	ASTM D 217	2
Dropping point	IP 396	> 140°C
Base oil viscosity at 40°C	ASTM D 7152	500 mm ² /s
Base oil viscosity at 100°C	ASTM D 7152	53 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	3200 N
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 38°C	ISO 11009	2 %
Emcor salt water	ISO 11007	≤ 2 - 2
Flow Pressure at -40°C	DIN 51805 mod	< 1400 mbar
SKF R2F B at 100°C	SKF	Pass
Density	IP 530	940 kg/ m ³
Temperature range		-40°C to +100°C (Max +110°C)
Biodegradability	OECD 301B	65 %

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.