

LanoPro Heavy Duty Grease HD2 EAL

Heavy Duty Specialty Grease



Product Data Sheet - 2022.08.16



CORROSION
PROTECTION



EAL
APPROVED



EXTREME
PRESSURE



HEAVY
LOADS



SPECIAL
APPLICATION



WATER
RESISTANCE

BIO/EAL Compliant

Description

LanoPro Heavy Duty Grease HD2 EAL is a Calcium/ Lithium complex thickened lubricating grease based on biodegradable esters. The grease contains antioxidants, corrosion inhibitors and an optimized mixture of non-metallic solids. The product does not contain conventional EP- and AW- additives since they are built in as an integral part of the soap structure.

The combination of the oil blend and unique functional soap gives the product excellent load carrying capacity, while the blend of non-metallic solids ensure good prevention against seizure. The grease has superb mechanical stability, very good corrosion protection and excellent water resistance.

LanoPro Heavy Duty Grease HD2 EAL is a modern high performance BIODEGRADABLE grease specially designed for a numerous applications; such as heavy loaded open gears, thread compound, FIFTH WHEELS, WIRES, anti-seize, grease for sensitive environments. The extreme load carrying capacity, the anti-seize properties and the excellent water resistance make the product a perfect choice for heavily loaded operations and similar applications where surfaces separation under static loads are essential. It is also suitable as an anticorrosive protection for wires and equipment.

The product is not suitable for lubrication of rolling bearings.

- BIO/EAL compliant
- Very good water resistance
- Excellent anti seize properties

Technical Data

Properties	Test Method	Typical Values
Thickener		Calcium/Lithium complex
Base fluid		Biodegradable ester
Colour	Visual	White/Beige
NLGI grade	ASTM D 217	2
Dropping point	IP 396	> 265°C
Base oil viscosity at 40°C	ASTM D 7152	710 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	6500 N
Water resistance at 90°C	DIN 51807:1	0
Water resistance at 38°C	ISO 11009	<10%
Emcor salt water	ISO 11007	0-0
Flow Pressure at -30°C	DIN 51805 mod	< 1400 mbar
Temperature range	DIN 51350:5	-35°C to +110°C (max +120°C)

Handling

- Storage Handling and storage temperatures (0°C to 40°C)
- Packaging 18kg - 180kg. Other on request

ID No: D 100 205:2

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