

LanoPro Offshore 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

2013 VGP Compliant
EAL APPROVED ACCORDING
TO VGP REQUIREMENTS

Description

LanoPro Offshore 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. Extreme Pressure and Anti Wear additives are integrated in the thickener system. This allows the grease more efficient and even distribution of load and wear properties through the grease 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 Offshore Grease HD2 EAL is a modern high performance grease specially designed for low speed and high load applications such as open gears, pipe dope, thread compound, Jack up grease, anti-seize grease for sensitive environments, typically marine and offshore segments. 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.

Suitable for centralized and automated lubrication systems.

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

HOCNF Approvals

NEMS: Yellow Y1OCNS

Cefas: Group E

Technical Data

Properties	Test Method	Typical Values
Thickener		Calcium/Lithium complex
Base fluid		Biodegradable ester
Colour	Visual	Light Beige
NLGI grade	ASTM D 217	2
Dropping point	IP 396	> 260°C
Base oil viscosity at 40°C	ASTM D 7152	640 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	<5%
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
- Shelf life 5 years

ID No: D 100 217.3

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