

LanoPro OG Grease HD0.5 EAL

Open Gear Grease suitable for Jack-Up operations



Product Data Sheet - 2024.05.15



EXTREME
PRESSURE



HEAVY
LOADS



CORROSION
PROTECTION



WATER
RESISTANCE



SPECIAL
APPLICATION

Environmental Certifications:

EAL approved according to
VGP requirements.

HOCNF Categories:
YELLOW Y1, OCNS Group D

Description

LanoPro OG Grease HD0.5 EAL is a high performance lithium/calcium complex thickened grease based on readily biodegradable high viscosity esters; a modern premium grade grease for sensitive environments, such as marine, offshore and mining industries.

The grease has superb mechanical stability, corrosion protection and excellent water resistance. The extreme load carrying capacity and anti-seize properties make the product a perfect choice for heavily loaded open gears, such as Jack-Up rack and pinions and similar applications where surfaces separation under static loads are essential. Also suitable for open gears on ships and as a wire protective grease.

Tested and used by leading Jack-Up Vessel operators including GustoNOV designs, and tested by leading OEM's of centralized lubrication systems, such as Bijur Delimon and Woerner.

- VGP/EAL/HOCNF compliant
- Excellent load carrying capacity
- Ideal for heavy loaded applications
- No solid particles
- Very good water and corrosion resistance
- Excellent adhesion
- Pumpable in centralized lubrication systems
- Sprayable for reduced consumption

Technical Data

Properties	Test Method	Typical Values
Thickener		Lithium calcium complex
Base fluid		Readily Biodegradable ester
Colour	Visual	Beige
NLGI grade	ASTM D217	0.5
Dropping point	IP 396	>220°C
Base oil viscosity at 40°C	ASTM D7152	462 mm ² /s
Penetration 60 strokes	ISO 2137	335-365
4-ball weld load	DIN 51350:4	7000 N
FZG A/2, 76/50 Load Stage	DIN 14635:3 mod	>14
Emcor 20 mL salt	ISO 11007	2
Copper corrosion 100°C/24h	ASTM D4048	1a
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 79°C	ISO 11009	<5%
Flow pressure at -20°C	DIN 51805-2	< 1400 mbar
Temperature range		-25°C to +100°C (max +110°C)
Density	IP 530	1,04kg/m ³

Handling

- Storage Handling and storage temperatures (0°C to 40°C)
- Packaging 18kg - 180kg. Other on request
- Shelf life 5 years

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