

LanoPro OG Grease ST0.5

Open Gear Grease



Product Data Sheet - 2023.04.13



EXTREME
PRESSURE



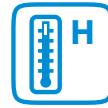
HEAVY
LOADS



CORROSION
PROTECTION



WATER
RESISTANCE



HIGH
TEMPERATURE



CENTRAL
LUBRICATION

CLASSIFICATION

DIN 51502 KPGOG0.5N-30
ISO 6743 ISO-L-XCDIB0.5

Description

LanoPro OG Grease ST0.5 is an lithium/calcium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The functional thickener with built-in EP and AW properties gives the product extreme load carrying capacity making it suitable for heavily loaded applications. The grease has good corrosion protection and water resistance which is important in wet and corrosive environments.

LanoPro OG Grease ST0.5 is a modern high performance product suitable for extreme applications in heavy industries like Mining, Marine and Offshore. The extreme load carrying capacity and consistency make the product the first choice for heavy loaded open gears, such as teeth and pinions on jack-up, slewing gears etc.

- Extreme load carrying capacity
- Very good mechanical stability
- Good corrosion protection
- Water resistant

Technical Data

Properties	Test Method	Typical Values
Thickener		Lithium / Calcium Heavy duty multi complex
Base fluid		Mineral oil
Colour	Visual	Dark brown
NLGI grade	ASTM D217	0.5
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	800 mm ² /s
Base oil viscosity at 100°C	ISO 12058	43 mm ² /s
4-ball weld load	DIN 51350:4	7500 N
Temperature range		-30°C to +140°C Max +180°C
Penetration 60 strokes	ISO 2137	335-365
Penetration 100.000 strokes	ISO 2137	30
Oil Separation	IP-121	<3%
SKF Emcor WWO distilled water	ISO 11007mod	0-0
SKF Emcor WWO salt water	ISO 11007mod	2-2
Copper corrosion 24h/100°C	ASTM D4048	1b
Water resistance at 90°C	DIN 51807:1	1-90
4-ball wear scar (1h at 400N)	DIN 51350:5	0.7 mm
Approx. density at 20°C	IPPM-CS/03	1.01

Handling

- **Storage** Store out of rain and direct sun (0°C to 40°C)
- **Shelf life** 5 years
- **Packaging** 18kg - 180kg. Other on request

ID No: D 100 161.5

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