

# Lanopro OG Grease 156-05

Open Gear Grease



Technical Data Sheet - 2011.06.16



EXTREME  
PRESSURE



HEAVY  
LOADS



CORROSION  
PROTECTION



WATER  
RESISTANCE



HIGH  
TEMPERATURE



CENTRAL  
LUBRICATION

## CLASSIFICATION

DIN 51502  
ISO 6743

KPGOG0.5N-30  
ISO-L-XCDIB0.5

## Description

Lanopro OG Grease 156 is an alassca complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and AW-additives since they are built in as an integral part of the soap structure. The functional thickener 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 156 is a modern high performance product suitable for extreme applications in heavy industry. The extreme load carrying capacity and consistency make the product the first choice for heavy loaded open gears.

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

## Physical and Chemical Data

Analysis	Method	Results
Thickener		Alassca Complex
Base Oil	Visual	Mineral Oil
Colour		Dark Brown
NLGI Grade	ASTM D217	0.5
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	800 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ISO 12058	43 mm <sup>2</sup> /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
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	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** Handling and storage temperatures (0°C to 40°C)
- **Packaging** 18kg - 180kg drums.

ID No: D 100 141:1

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