

OGL 6000

Open Gear Lubricant & Wire Rope Dressing

Spanjaard OGL 6000 is a viscous, bituminous lubricant for heavy duty gears, chains and wire ropes. Contains molybdenum disulphide and various extreme-pressure and anti-corrosive additives. Applied for use under harsh conditions including power stations, mining, industrial and marine applications.

APPLICATIONS

- Serves the mining and power station industries.
- Effective lubrication of large open gears, chains, crushers, pulverisers, ball mills, rod mills, kilns, power shovels, gold and coal mine tippers and similar equipment.
- OGL 6000 is an effective wire rope dressing lubricant.
- Aids in preventing energy intensive maintenance of open gears in coal crushing mills that supply coal fired electricity generating power stations.
- Fluidity allows reliable application by an automatic lubricator.
- Non-rinsible in wet conditions and provides protection from corrosion.

PROPERTIES

PROPERTY / CHARACTERISTIC	TYPICAL RESULT
Appearance	Black semi-fluid
Viscosity at 40°C (mm ² /s)	1700 - 1900
Operating temperature (°C)	-20 - 160
Copper corrosion (ASTM D445)	1
<u>PUMPABILITY & SPRAYABILITY CHARACTERISTICS:</u>	
Sprayability, 300 kPa at 25°C (BE@UPTRIB/T006)	3
<u>US Steel Mobility:</u>	
At 0°C (g/mm)	11
At -10°C (g/mm)	6,8
<u>LOAD & WEAR CHARACTERISTICS:</u>	
Timken OK Load, Pass (kg) (ASTM D2509)	>20
FZG, Load Stage Pass (DIN 51354 (A2, 76/50))	12
<u>Four Ball :</u>	
Weld Load (kg) (ASTM D2596)	800
Load Wear Index (ASTM D2596)	122,6
Wear Scar Diameter (mm), 1200rpm 1hr at 75°C (ASTM D2266)	0,97
<u>US Steel Mobility:</u>	
At 0°C (g/mm)	11
At -10°C (g/mm)	6,8
<u>Load-carrying capacity (SRV load test):</u>	
At 25°C (N)	650
At 55°C (N)	550
At 80°C (N)	550
<u>Wear characteristics, scar diameter (SRV wear test):</u>	
At 25°C (Mm)	0,49
At 55°C (Mm)	0,52
At 80°C (Mm)	0,54
<u>Friction characteristics (SRV friction test):</u>	
At 25°C (μ)	0,106
At 55°C (μ)	0,092
At 80°C (μ)	0,076

DIRECTIONS FOR USE

The method of lubrication will differ depending on the type of lubrication equipment. Your lubricant equipment supplier must advise on the lubricant consistency required. Should guidance regarding application be required, please don't hesitate to contact us.

Gears and chains:

Can be applied by various methods:

- By brush.
- By using a centralised lubricator.
- By spray application.

NB: Can be diluted with additional solvents as required.

Wire ropes:

If using a conical, ensure that the insert fits tightly on the rope. No lubricant heating is necessary prior to application.

PACKAGING

50 kg drum

180 kg drum



Revision: 110523

For safety and storage information, please refer to the safety data sheet (SDS).

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ISO 9001 Certified Manufacturer

Manufacturers & Distributors of Special Lubricants & Allied Chemical Products

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