

OGL 1280

Spanjaard Open Gear Lubricant 1280 is a black water resistant extra heavy duty tacky lubricant with extreme pressure, low friction and anti-corrosion properties. **Spanjaard Open Gear Lubricant 1280** does not contain solvents, which are environmentally undesirable. It is a thicker and more adherent product designed for higher loads than Spanjaard Open Gear Lubricant 1279.

APPLICATIONS

The solid lubricants it contains, gives it greatly improved lubricating and load carrying properties, while its stable consistency enables it to be reliably applied by an automatic lubricator. It will not wash off in wet conditions and protects the gears from corrosion. **Spanjaard Open Gear Lubricant 1280** does not contain any grit or abrasive material.

Due to its unique characteristics, it will function as a highly fortified molybdenum disulphide grease in all types of slow speed plain and anti-friction bearings, where water is a problem, especially those under high loads.

- Lubrication of heavy duty open gears of ball and rod mill drives in the mining industry.
- Slow moving, plain bearings, pins, bushes, ring gears and slides.
- Winch open gears; bearings and ropes, in marine conditions; where water and corrosion cause problems.
- Lubrication of Sheave wheel bearings, and wire ropes of slag grabs, operating in abrasive and hot water conditions in the Iron & Steel Industry.
- Lubrication of anti-friction sewerage pump bearings, in difficult to reach and wet conditions.

TYPICAL PROPERTIES

NLGI Grade	000	00	1.5
Penetration (25°C, 1/10mm)	460	415	305
Colour	Dark Brown		
Dropping point, 1,10mm (D566), °C	N/A		
Operating Temp °C	-20 to 160		
Thickener	N/A		

Dynamic Anti-rust test (IP 220) (0 = excellent, 5 = poor)	0
Corrosion (D 665)	Pass
Timken OK load, Pass (D 2509)kg	27,2
Four Ball - Load Wear Index (D 2596)	161,2
Four Ball - Weld Load (D2596), kg	>800
Four Ball - Wear Scar Diam (D2266) (1200 rpm) 1 h @75°C, mm	0,58
FZG (DIN 51354), A/2.76/50, Pass Stages	12
US Steel Retention, Minutes	>30
Extreme Pressure Additives	Yes
Load-carrying capacity (SRV load test)	
N at 25°C	650
at 55°C	>1000
at 80°C	>1000
Wear characteristics (scar diam) SRV wear test	
mm at 25°C	0,60
at 55°C	0,60
at 80°C	0,65
Friction characteristics (SRV friction test)	
μ at 25°C	0,050
at 55°C	0,075
at 80°C	0,095



Certified as an
ISO 9001 Manufacturer
by the SABS

Manufacturers & Distributors of
Special Lubricants & Allied Chemical
Products

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APPLICATION INSTRUCTIONS

Grease gun, brush, hand application and automatic lubricators. **Spanjaard Open Gear Lubricant 1280** is available in NLGI 000, 00 and 1,5 consistencies to meet the requirements of various types of aging automatic lubricators.

For open gears we suggest the use of a stroboscope to monitor and set the correct volume of lubricant for the gear, thus the amount of grease can actually be seen on the gear tooth. As our lubricant is not affected by wide ranges of ambient temperatures, heating apparatus is not required. It will not solidify on cold winter mornings or over supply in the heat of the day.

HANDLING AND STORAGE

Store under cover with lid closed. Remove excess from skin and wash with Spanjaard Hand Cleaner.

PACKAGING

NLGI 000 & 00 and 1,5 - 50kg Drum
NLGI 1.5 – 15kg keg.

CP/mg/ OGL1280 – July 2016

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