



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

OG-H™ Heavy-Duty Open Gear Lubricant

DESCRIPTION

OG-H Open Gear Lubricant is made of highly refined mineral oils, a non-soap thickener, friction reducing Molybdenum disulphide and graphite, rust and corrosion inhibitors and extreme pressure additives. OG-H has excellent 'stay-put' qualities, will not melt or throw-off and is ideal for use at high temperatures where other lubricants become runny or drip off. Being temperature insensitive, OG-H can be used at low temperatures without chipping off or channelling and is completely waterproof.

OG-H is an NLGI Grade 3 product suitable for use both indoors and outdoors under extreme weather conditions. It is very tacky with high adhesive and cohesive properties. OG-H replaces ordinary residual type tarry materials and is easier to apply, requiring no heating or other preparation. Far less lubricant is needed than with competitive products, ensuring greater economy. Uniformly dispersed low-friction ingredients give high film strength, reduced starting torques, lower operating temperatures and lengthened equipment life. OG-H may be applied by hand or gun.

ADVANTAGES

- Lead Free.
- Contains Molybdenum disulphide.
- Easy to apply.
- Highly tenacious.
- Lowers operating temperatures.
- Will not melt-off or pound-off.

APPLICATIONS:

EXPOSED GEARS: OG-H is best applied as a continuous ribbon in the middle of the gear teeth to create uniform distribution. Apply only enough to remain between the teeth; excessive application will cause it to be squeezed out of the sides, causing waste and no improvement in performance. Molybdenum disulphide (MoS₂) and graphite are carried into the gear faces and moving surfaces. Tooth surface damage and defects are filled in, forming a uniform low friction coating. Shock and noise are reduced and uneven wear is prevented. The gears assume a fresh look and an appearance of been lapped in.

Use OG-H on exposed gears of all types; on steam and power winches, hoists, mill and forge equipment, construction machinery, power shovels and dredgers, edger roller gears, shovel gears, bridge and lock gates and many other applications.

OTHER: Use OG-H wherever high unit pressures occur in slow-moving bearings and similar equipment. It prevents squeeze-out, stick-slip and drag. It lowers starting torques and excessive power requirements of prime-movers. Use as a multi-purpose lubricant on enclosed chain, wire rope and cable, ways, vertical columns, elevator tracts, journals and sleeve bearings.

PRODUCT CHARACTERISTICS

Service Ranges:	-18°C (0°F) to 288°C(550°F)
Thickener:	Organo Clay
Fluid Type:	Petroleum Oil
Colour:	Black Sticky Paste
Dropping Point(ASTM D-566):	None
Specific Gravity:	1,0
Additives:	MoS ₂ , Organic, EP/AW, Graphite
Flashpoint (ASTM D-92):	>293°C (560°F)
NLGI Grade:	3
Penetration @ 25°C (77°F) (ASTM D217):	220-250
Copper Strip Corrosion (ASTM D-4048):	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, Kgf:	620
Load Wear Index:	>60
Wear Scar Diameter (ASTM D-2266):	0,7
Oxidation Resistance (ASTM D-942 PSI Drop Point, 100 Hrs):	<10psi
Base Oil Viscosity (ASTM D-455)	
cSt @ 40°C (104°F):	90-110

PACKAGING

Code	Net contents	Container
53292230	12,5kg	Pail
13982621	16kg	Pail

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



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