

## DESCRIPTION

**JET-LUBE's OG-H™ Open Gear Lubricant** is made of highly refined mineral oils, a non-soap thickener, low friction molybdenum disulfide (MoS<sub>2</sub>) 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 relatively temperature insensitive, **OG-H** can be used at low temperatures without chipping off or channeling and is completely waterproof.

**OG-H** is a 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 needs to be used versus competitive products, assuring 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.

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

## APPLICATIONS

**EXPOSED GEARS:** **OG-H** is best applied in direct ribbon on the center of a moving gear to create uniform distribution. Apply only enough to remain between the gear teeth; excessive application is wasteful and does not necessarily improve results. Molybdenum Disulfide (MoS<sub>2</sub>) and graphite are carried into the gear faces and moving surfaces. Score marks, pits, grooves or other facial imperfections are filled forming a uniform low-friction coating. Shock and noise are reduced, uneven wear prevented. Gears assume a fresh look and an appearance of having 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 dredges, edger roller gears, shovel gears, dipper sticks, pulverizers, ring gears, cams, slipper shoes, rack and pinion, herring-bone, bull gears, bridge and lock gearing and may other applications.

**SLOW-MOVING BEARINGS:** Use wherever high unit pressures occur in slow-moving equipment. Prevents squeeze-out, stick-slip and drag. Lowers starting torques and excessive power requirements of prime movers.

**OTHER:** **OG-H** is used as a multipurpose lubricant on enclosed chain, wire rope and cable, ways, vertical columns, elevator tracks, journals, and sleeve bearings - any points subject to high unit pressure in slow-moving, mating members. It has also been utilized successfully as a ship-launching grease.

## PRODUCT CHARACTERISTICS

Thickener	Organo Clay
Fluid Type	Lube Oil
Color / Appearance	Black, Sticky Paste
Dropping Point (ASTM D-566)	None
Density (lb/gal)	8.35
Specific Gravity	1.0
Additive Type	MoS <sub>2</sub> , Organic, EP/AW, Graphite
Sliding Friction Coefficient	0.07
Flash Point (ASTM D-92)	>560°F (293°C)
Autoignition Point (Calculated)	>680°F (360°C)
NLGI Grade	3
Penetration @77°F (ASTM D-217)	285 – 315 mm x 10 <sup>1</sup>
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.	<10 psi
Base Oil Viscosity (ASTM D-445)	414 – 506 cSt @ 40°C
Operating Temperatures	0°F (-18°C) to 550°F (288°C)

**For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com).**

## LIMITED WARRANTY

For warranty information please visit [http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.