



DESCRIPTION

Open Gear Lube HD is specially formulated for open gear, and is manufactured from high viscosity oil, lithium thickener with molybdenum disulfide, solid lubricants, and carefully selected additives. Open Gear Lube HD is a premium grade, adhesive, residual compounded, extreme pressure multi- purpose open gear lubricant suited for heavily loaded open gears, semi-closed gears on mining shovels, draglines and excavator equipment commonly found in underground or surface mines and quarries. It is a selected blend of high-quality base fluids, anti-wear, extreme pressure additives, antioxidants, molybdenum disulfide, solid lubricants and corrosion inhibitors. Its strong adhesive film resists squeeze out, allowing the product to cling tenaciously to gears.

SUMMARY OF BENEFITS

- Contain molybdenum disulfide and solid lubricants
- Excellent adhesion to metal surfaces, good physical and mechanical stability ensuring a durable, strong, tenacious coating to lubricate and to protect the gear teeth.
- Excellent anti-wear and extreme pressure properties providing exceptional load carrying capabilities to heavily loaded open gears, bearings and bushings.
- Extreme pressure properties for protection under heavy or shock loads, extending equipment life.
- Highly resistant to water washout, rain, snow.
- Excellent anti-corrosion properties to protect gear teeth, steel cables & etc. from corrosion and wear.

APPLICATIONS

Recommended for heavily loaded open gears, semi-closed gears on mining shovels, draglines and excavator equipment commonly found in underground or surface mines and quarries. Excellent for large, slow moving open gears, steel cables, wire ropes, open gears in rotary kilns, overflow mills and similar equipment commonly found in cement, steel or power plants, or on stationary rotating machinery such as tube mills, SAG mills, ball/rod mills and paper mills. It can also be used in the lubrication of sleeve type bushings and slow moving, heavily loaded bearings, circle rails and rollers. Recommended application temperature: -25°C to +130°C.

OPEN GEAR LUBE HD	UNITS	RESULTS
NLGI Grade	-	0
Thickener	-	Lithium Complex
Color	-	Black
Texture	-	Smooth & Tacky
Penetration, Worked at 25°C	ASTM D217	368
Dropping Point, °C	ASTM D2265	190
Copper Corrosion (3 hrs, 100°C)	ASTM D130	1b
Rust Test (0.5% NaCl)	-	Pass
Four Ball EP Weld Load, kgf	ASTM D2596	800
Four Ball Wear Scar diameter, mm	ASTM D2266	0.63

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.