

KLONDIKE Open Gear Grease



PRODUCT DESCRIPTION

KLONDIKE Open Gear Grease is a specially formulated lubricant product for use on open gears and other severe applications on draglines, mining shovels, ball mills and kilns.

APPLICATIONS

KLONDIKE Open Gear Grease is recommended for a variety of applications on mining draglines and shovels including open gears, sticks, circle rails and rollers, as well as large, heavily loaded bearings and bushings.

This premium open gear grease is also highly recommended for use on open gears of kilns and ball mills. In addition, this multipurpose formula is applicable in other extreme lubrication needs where other typical grease products may not be suitable. Such applications may include turntables on heavy equipment, exposed chain drives, wire rope, and other exposed components subject to heavy duty use.



SPECIFICATIONS AND APPROVALS

KLONDIKE Open Gear Grease meets the specification requirements of (but not limited to) the following equipment manufacturers:

- Caterpillar SD 4713
- Komatsu

FEATURES AND BENEFITS

KLONDIKE Open Gear Grease utilizes a unique, high molecular weight polymer extender that resists drying, oxidation, and thermal decomposition. This helps in areas of high dust contamination or when extreme weather conditions may cause peeling and flaking from sticks, gears, and circle rails. The unique composition of this product includes a blend of solid and oil-soluble anti-wear additives providing superior load carrying ability and high-performance wear resistance; all in environmentally safe chemistry.

KLONDIKE Open Gear Grease has a thickener structure that inherently resists emulsification with water while maintaining outstanding mechanical and thermal stability. Low temperature capabilities allow the lubricant film to maintain its adhesive characteristics and durable protection under the most demanding conditions.

KLONDIKE Open Gear Grease delivers value through the following benefits:

- **Extreme load carrying capacity** – protects against scuffing and seizure, even when under extreme shock loading.
- **Highly resistant to water** – ideal for applications and components exposed to rain, ice, snow, and extreme weather.
- **Environmentally safe** – chemistry contains no heavy metals or ozone depleting substances.
- **Reduced inventory needs** – multipurpose formula makes this suitable for year-round use in most climates.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	NLGI 1	OGL
NLGI Grade		0
Thickener Type		Lithium
Viscosity with polymer @ 40°C (cSt)	ASTM D445	4100
Viscosity with polymer @ 100°C (cSt)	ASTM D445	165
Four Ball EP weld point, kg	ASTM D2596	1000
Four Ball Wear scar width, mm	ASTM D2266	0.7
Flash Point °C	ASTM D92	205
Rust Test	ASTM D1743	Pass
Specific Gravity	ASTM D4052	1.03

All stated physical properties are typical of standard production and may vary.

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other KLONDIKE product, please visit www.klondikelubricants.com or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

PRODUCT NUMBERS

OPEN GEAR GREASE	Pail: 15.9 KG / 35 LB	KL-GR9080
	Keg: 54.5 KG / 120 LB	KL-GR9085

BRAVING THE FORCE OF MOVEMENT

KLONDIKE stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive KLONDIKE product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the KLONDIKE products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards and specifications.

KLONDIKE Lubricants Corporation

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