

# KLONDIKE Moly Tac Extreme EP Grease



## PRODUCT DESCRIPTION

KLONDIKE Moly Tac Extreme EP Grease is an advanced, heavy duty lithium complex grease formulated with 5% molybdenum disulfide and high viscosity base oil to provide maximum lubricating qualities over a wide range of temperatures. Designed to work under the toughest conditions with excellent mechanical and chemical stability. KLONDIKE Moly Tac Extreme EP Grease is designed to stay in place under the worst operating conditions of water-dirt-mud, providing you with maximum protection and peace of mind. Moly provides additional protection against sliding friction and wear.

## APPLICATIONS

KLONDIKE Moly Tac Extreme EP Grease is specifically designed for extreme duty use in a wide variety of on-road, off-road vehicle and heavy equipment applications. It is also an ideal grease for heavy duty industrial applications including general manufacture, pulp and paper mills, sawmills, forestry equipment, mining equipment, agricultural equipment, and marine use where moly grease is required to reduce wear caused by sliding metal parts, rubbing surfaces, or severe vibration.

It is recommended for use in severe operations such as heavy duty, shock loaded equipment found in industrial plants such as mills, conveyors, and crusher bearings or in off-highway operations. These applications include construction equipment such as bulldozers, scrapers, loaders, and shovels.

KLONDIKE Moly Tac Extreme EP Grease is also recommended for use on roller chains, trunions, gears, cables, sheaves, and slides. They are particularly suited for heavily loaded pins, shafts, or other surfaces under high stress subjected to severe vibration, or sliding action.



## FEATURES AND BENEFITS

KLONDIKE Moly Tac Extreme EP Grease is formulated with high viscosity base oils, lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. It is grey in color with a tacky texture, and meets NLGI viscosity grade requirements.

KLONDIKE Moly Tac Extreme EP Grease is specially formulated to withstand extreme pressure in extended service applications. 5% molybdenum disulfide assures maximum protection against vibration and shock load induced wear. This product delivers outstanding performance in demanding conditions of high and low temperatures including good pumpability in a variety of lubrication systems.

This product has excellent high temperature stability and has a dropping point of over 280°C. Typical ambient operating temperature range is from -25°C to 180°C.

KLONDIKE Moly Tac Extreme EP Grease provides value through the following benefits:

- **Extended service protection** – adhesive-tacky grease that stays in place means less frequent greasing intervals and extended equipment life.
- **Extremely high load carrying capacity** – exceeds 70 pounds OK Load in the ASTM D-2509 Timken Test.
- **Excellent corrosion and wear protection** – 5% moly assures moving parts are protected from wear, rust, and corrosion even when grease has been displaced.
- **Excellent water resistance** – stays in place to lubricate in adverse conditions.
- **Excellent high temperature stability** – Oxidation inhibitors permit operations up to 180° C for extended periods.



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## SPECIFICATIONS AND APPROVALS

KLONDIKE Moly Tac Extreme EP Grease meets Caterpillar recommendations for greases containing 5% molybdenum disulfide.

## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	NLGI 2
Penetration @ 77°F (ASTM Worked)	ASTM D217	295
Dropping Point, ASTM, °C	ASTM D225	290
Soap Type		Lithium Complex
Color	Visual	Dark Grey
Appearance	Visual	Smooth
Timken OK Load, Lb.	ASTM D2509	70
Base Oil Viscosity:		
cSt. @ 40°C	ASTM D445	460
cSt. @ 100°C	ASTM D445	19.0
Rust Test	ASTM D1743	Pass
4 Ball EP Weld Point, Kg	ASTM D2596	620
4 Ball Wear Scar Diameter, mm	ASTM D2266	0.45
Load Wear Index	ASTM D2596	100
Evaporation Loss, %	ASTM D2592	0.3

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](http://www.klondikelubricants.com) or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

## 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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