

KLONDIKE Syn Tac EP Synthetic Grease: NLGI 1



PRODUCT DESCRIPTION

KLONDIKE Syn Tac Synthetic EP Grease are wide temperature, heavy duty, EP, Multi-Purpose Lithium Complex greases fortified with PAO synthetic base oil, polymers, anti-wear agents, tackiness additives, and rust and oxidation inhibitors. These technically advanced, extended service interval greases are specifically designed to perform in a wide variety of applications in extreme temperatures.

APPLICATIONS

KLONDIKE Syn Tac Synthetic EP Grease are designed for heavy duty use in a wide variety of on-road, off-road vehicle and heavy equipment applications operating across a broad temperature range. These are ideal greases for heavy duty industrial applications including on road heavy duty vehicles, general manufacturing plants, pulp and paper mills, sawmills, forestry equipment, mining equipment, agricultural equipment, and marine use where extreme pressure greases are recommended.

- Recommended for wheel bearings including disc brake applications as well as fifth wheels, u-joints, steering linkage, and chassis lubrication.
- An ideal chassis lubricant for off-road equipment in agriculture, construction, logging, trucking and mining service where severe water washing or shock load protection is needed.
- Recommended for rock crushers, sand and gravel screens, oil field equipment, off shore drilling equipment and marine deck equipment.
- Recommended for industrial plain bearings and anti-friction bearings operating under shock-loads or wet and dirty conditions.
- Recommended for Motorcycle suspension components, linkage and bearings.



FEATURES AND BENEFITS

KLONDIKE Syn Tac Synthetic EP Grease are formulated with premium synthetic base oils, lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. They are red in color with a tacky texture, and meet NLGI viscosity grade requirements.

KLONDIKE Syn Tac Synthetic EP Grease are specially formulated to withstand extreme pressure in extended service drive train and chassis applications including steering drag links, kingpins, fifth-wheels, transmission cross shaft spring pins, shackle pins, brake cam shafts, and other pivot points operating in severe conditions. These products deliver outstanding performance in demanding conditions of extreme low temperatures including good pumpability in a variety of automatic lubrication systems. Typical ambient operating temperature range is from -40°C to 180°C.

KLONDIKE Syn Tac Synthetic Grease meets and exceeds NLGI GC - LB requirements for EP protection and wheel bearing life.

KLONDIKE Syn Tac Synthetic EP Grease provide value through the following benefits:

- **Extended service protection** – adhesive-tacky grease that stays in place means less frequent greasing intervals and extended equipment life.
- **High load carrying capacity** – exceed 65 pounds OK Load in the ASTM D-2509 Timken Test.
- **Excellent corrosion and wear protection** – critical metal surfaces of moving parts are protected from rust and corrosion.
- **High washout resistance** – stays in place to lubricate in adverse and wet conditions
- **Excellent high temperature stability** – oxidation inhibitors permit operations up to 180° C for extended periods.
- **Excellent low temperature performance** – PAO synthetic base fluid protects and lubricates in extreme cold.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	NLGI 1
Penetration @ 77°F (Worked)	326
Dropping Point, °C, (min)	300
Base Oil Viscosity:	
cSt. @ 40°C	130
cSt. @ 100°C	16.0
Soap Type	Lithium Complex
Timken OK Load, kg	65
Color	Red
Appearance	Smooth and Tacky
Four Ball Wear, 1200 rpm, 40kg, 1 hr @ 75°C	0.47mm
4-Ball Weld kg	315

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.

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.

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