

# KLONDIKE Ultra Tac Synthetic Blend EP Greases: NLGI 0, NLGI 1



## PRODUCT DESCRIPTION

KLONDIKE Ultra Tac Synthetic Blend EP Greases are extreme temperature, heavy duty, EP, Multi-Purpose Lithium Complex synthetic blend 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 Ultra Tac Synthetic Blend EP Greases are designed for heavy duty use in a wide variety of on-road, off-road vehicle and heavy equipment applications operating in extreme cold temperatures. These are ideal greases for heavy duty industrial applications including general manufacture, pulp and paper mills, sawmills, forestry equipment, mining equipment, agricultural equipment, and marine use where NLGI 0 or 1 grade greases are recommended.

- Recommended for wheel bearings including disc brake applications (EP-1 only) 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 Ultra Tac Synthetic Blend EP Greases are formulated with premium synthetic blend 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 Ultra Tac Synthetic Blend EP Greases are specially formulated to withstand extreme pressure in extended service wheel bearing 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 100°C.

KLONDIKE Ultra Tac Synthetic Blend EP-1 Grease is NLGI GC - LB certified and exceeds all requirements for EP protection and wheel bearing life.

KLONDIKE Ultra Tac Synthetic Blend EP Greases 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 60 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.
- **Excellent water resistance** – stays in place to lubricate in adverse conditions
- **Excellent high temperature stability** – oxidation inhibitors permit operations up to 100° C (212°F) for extended periods.
- **Excellent low temperature performance** – PAO synthetic blend base fluid protects and lubricates in extreme cold.



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## SPECIFICATIONS AND APPROVALS

KLONDIKE Ultra Tac Synthetic Blend EP-1 is NLGI GC-LB certified for wheel bearing and chassis applications.



## TYPICAL TECHNICAL PROPERTIES

PROPERTY		NLGI 0	NLGI 1
Thickener		Lithium Complex	Lithium Complex
Color		Red	Red
Texture		Smooth, tacky	Smooth, tacky
Worked Penetration, 60	ASTM D217	360	315
Dropping Point, (°C)	ASTM D2265	220	265
Base Oil Viscosity (with polymer)			
Viscosity @ 100°C cSt	ASTM D2270	15.9	20.7
Viscosity @ 40°C cSt	ASTM D2270	150	220
Viscosity Index (min)		110	110
Oxidation Stability, psi 100 hrs.	ASTM D942	3	3
Rust Preventive Properties	ASTM D1743	PASS	PASS
Water Wash-Out, %	ASTM D1264	13.0	6.0
4-ball EP OK load, Kg	ASTM D2596	315	400
4-ball EP Load Wear Index, kgf	ASTM D2596	40	45
4-ball Wear, scar diameter, mm	ASTM D2266	0.52	0.50
Timken OK Load, lbs	ASTM D2509	50	60

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



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## 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.

## PRODUCT NUMBERS

ULTRA TAC EP-0 SYNTHETIC BLEND	Tube: 397 G / 14 OZ	KL-GR1030
	Pail: 15.9 KG / 35 LB	KL-GR1080
	Keg: 54.5 KG / 120 LB	KL-GR1085
	Drum: 181.8 KG / 400 LB	KL-GR1090
ULTRA TAC EP-1 SYNTHETIC BLEND	Tube: 397 G / 14 OZ	KL-GR1430
	Pail: 15.9 KG / 35 LB	KL-GR1480
	Keg: 54.5 KG / 120 LB	KL-GR1485
	Drum: 181.8 KG / 400 LB	KL-GR1490

## 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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