

KLONDIKE POLY TAC EP-2 Polyurea Severe Duty



PRODUCT DESCRIPTION

KLONDIKE POLY TAC is a premium, severe-duty, polyurea-based grease fortified with anti-wear additives, extreme pressure agents, tackiness additives, and rust and oxidation inhibitors. This technologically advanced grease is specifically engineered to perform in severe-duty service applications across a wide operating temperature range.

APPLICATIONS

KLONDIKE POLY TAC EP Grease is designed for use in heavily loaded plain and rolling element bearings in a wide variety of on-road, off-road, agricultural and other heavy equipment. An ideal grease for industrial applications, forestry equipment, mining equipment, agricultural equipment, and marine use. It offers superior protection in wet conditions and in corrosive environments.

Recommended for use in:

- Heavy-duty off-road equipment in agriculture, construction, logging, trucking and mining operations where severe service conditions prevail.
- Rock crushers, screeners, oil field equipment, off drilling equipment and marine deck equipment.
- Plain, anti-friction, and rolling bearings in adverse, wet, and corrosive conditions.
- Motorcycle suspension and linkage components.



FEATURES AND BENEFITS

KLONDIKE POLY TAC EP-2 Grease is formulated with premium base oils, polyurea thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. Product is green in colour with a smooth, tacky texture, and meets viscosity grade criteria for NLGI 2.

KLONDIKE POLY TAC EP-2 Grease is specially formulated to withstand extreme pressure, water washout, and corrosion in heavy equipment applications operating in severe conditions.

This product is designed to deliver superior load carrying capability and long service life even when subjected to demanding operating conditions.

Typical ambient operating temperature range is from -30°C to 200°C.

KLONDIKE POLY TAC EP-2 Grease meets and/or exceeds NLGI GC-LB performance standards.

KLONDIKE POLY TAC EP-2 Grease provides value through the following benefits:

- **Extended service protection** – less frequent greasing intervals and extended equipment life.
- **High load carrying capacity** – high weld load test results offer superior extreme pressure protection.
- **Excellent corrosion and wear protection** – metal surfaces are protected from rust and corrosion.
- **Excellent water resistance** – polyurea base is highly resistant to water washout.
- **Excellent high temperature stability** – high dropping point and stable thickener performance offers extended service expectations in elevated temperature conditions.
- **Wide temperature range** – all-season formula for superior protection in a wide ambient temperature range.



KLONDIKE POLY TAC EP-2 Polyurea Severe Duty

KLONDIKE POLY TAC EP-2 grease is a premium formulation designed to comply with agricultural OE performance standards such as (but not limited to):

- JDM J13E1, J134E4, J13E5, J25C
- NLGI GC-LB performance

TYPICAL TECHNICAL PROPERTIES

PROPERTY		NLGI 2
Thickener		Polyurea
Color		Green
Texture		Smooth, tacky
Worked Penetration, 60	ASTM D217	280
Dropping Point, (°C)	ASTM D2265	>270
Base Oil		Mineral (paraffinic)
Viscosity @ 40°C cSt	ASTM D2270	150
Viscosity Index (min)		100
Oxidation Stability, 99°C, 100 hr, kPa	ASTM D942	10
Rust Prevention, 52°C, 48 hr	ASTM D1743	PASS
Water Wash-Out, 79°C, %	ASTM D1264	< 3
4-ball EP OK load, kgf	ASTM D2596	620
4-ball EP Load Wear Index, kgf	ASTM D2596	40
4-ball Wear, scar diameter, mm	ASTM D2266	0.50
Timken OK Load, lbs	ASTM D2509	50

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



KLONDIKE POLY TAC EP-2 Polyurea Severe Duty

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 for the environment.

PRODUCT NUMBERS

POLY TAC EP-2	Tube: 397 G / 14 OZ	KL-GR5830
---------------	---------------------	-----------

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

Toll-free 1-877-293-4691

info@klondikelubricants.com
www.klondikelubricants.com

