

KLONDIKE Rock Drill Oils: ISO 32, 68, 100, 150, 220



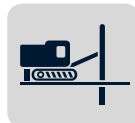
PRODUCT DESCRIPTION

KLONDIKE Rock Drill Oil is specially formulated to lubricate and cool the internal mechanisms and moving parts of pneumatic drilling equipment. This advanced fluid provides reliable and efficient performance in extreme conditions for increased productivity and long equipment life.

APPLICATIONS

KLONDIKE Rock Drill Oil is designed for use as an air-line and operating lubricant for high air flow pneumatic drilling equipment operating in heavy duty service environments. These applications include pneumatic equipment used for mining, tunneling, sample drilling, jack-hammers, pavement breakers, compactors, and other pneumatic equipment.

ISO 32 formula is specially designed for low temperature operations. Advanced mid grade viscosities offer outstanding equipment protection and operating efficiency across a wide range of applications and temperature range for excellent performance across all seasons. Equally adept at meeting the needs of small, high speed drills along with the heavy duty demands of large, slow speed drills operating in extended service and high temperature conditions.



SPECIFICATIONS AND APPROVALS

KLONDIKE Rock Drill Oil meets the specification requirements of (but not limited to) the following equipment manufacturers:

- Gardner Denver
- Chicago Pneumatic
- Joy Manufacturing
- Ingersoll-Rand

FEATURES AND BENEFITS

KLONDIKE Rock Drill Oil is manufactured with premium paraffinic base oils and specialized, high performance additives. This carefully balanced blend of anti-wear, performance improving additive technology ensures extended, trouble free service in heavy duty rock drills operating at high temperature and under extreme pressure. This fluid is designed to operate over a broad temperature range, helping lower maintenance costs and equipment down time. Although designed specifically for use in pneumatic equipment, this versatile fluid may also be used in general purpose lubricant applications where clear, tacky, corrosion inhibited oils are recommended.

KLONDIKE Rock Drill Oil delivers value through the following benefits:

- **Long equipment life** – anti-wear additives minimize wear by protecting surfaces even when heavy loads cause lubricant film breakdown.
- **Minimized downtime** – corrosion inhibitor system prevents the production of rust, deposits, varnishes, and sludge, which can damage metal surfaces and oil seals. Special additives emulsify moisture to ensure a reliable active lubricant film.
- **Smooth operation** – excellent fluid stability and low temperature mobility.
- **Low mist tendency** – lowers oil consumption by reducing undesirable oil misting losses
- **Extreme pressure protection** – minimizes wear caused by heavy, repeated shock loading. Tackiness agents ensure oil adheres firmly to metal parts even under extreme stress.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 32	ISO 68	ISO 100	ISO 150	ISO 220
Viscosity @ 40°C (cSt)	ASTM D445	32.0	68	100	150	220
Viscosity @ 100°C (cSt)	ASTM D445	5.4	8.5	11.1	14.6	18.5
Viscosity Index (min)	ASTM D2270	102	105	102	100	100
Flash Point °C	ASTM D92	205	210	220	232	240
Pour Point °C	ASTM D5950	-36	-33	-30	-26	-22
Gravity; °API	ASTM D4052	29.0	30.0	30.0	30.5	28.3

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 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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