

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil



PRODUCT DESCRIPTION

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil is a high-performance fluid formulated specifically for heavy equipment requiring high zinc content hydraulic fluid.

APPLICATIONS

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil is specifically engineered for use in heavy duty vehicles and equipment subject to a wide range of climatic conditions and ambient temperatures. KLONDIKE SAE 10W Heavy Duty Hydraulic Oil is typically recommended for use in machinery manufactured by Caterpillar. Advanced detergent based additive technology uses unique high zinc content and meets performance requirements for heavy duty hydraulic systems specifying SAE 10W viscosity grade. (CAT HYDO Advanced 10)

Some typical applications include:

- Modern heavy duty equipment specifying SAE 10W hydraulic oil.
- Heavy Equipment where SAE 10W engine oil was specified for use as hydraulic oil.



FEATURES AND BENEFITS

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil is an advanced hydraulic fluid engineered to deliver outstanding wear protection and performance in heavy duty vehicles and equipment. Advanced base oils with carefully balanced additive technology ensure this fluid will deliver long-term performance in heavy duty equipment operating under high-load, high-stress conditions in all climates. Optimized viscosity profile improves cold flow efficiency and delivers true all-season performance - one fluid to use year-round.

KLONDIKE SAE 10W Hydraulic Oil uses emulsifying, detergent based chemistry. This helps suspend moisture and contaminants in the hydraulic system during use promoting excellent fluid filterability and overall system cleanliness.

This is a high zinc containing formula (>900 ppm). Metal anti-wear protection exceeds industry standards and tough OEM specifications such as are specified by Caterpillar.

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil delivers value through the following benefits:

- **Premium base oil blend** – excellent all-season performance characteristics.
- **Outstanding anti-wear** – highly durable in heavy duty applications.
- **Emulsifying formulation** – promotes system cleanliness.
- **Extended service life** – high shear stability for viscosity retention and extended lubricant life.



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SPECIFICATIONS AND APPROVALS

KLONDIKE SAE 10W Heavy Duty Hydraulic Oil meets (but is not limited to):

- Caterpillar HYDO Advanced 10
- Eaton Vickers 35VQ25

Other applicable uses may exist. Please contact KLONDIKE for more information.

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 10W HYDRAULIC
Specific Gravity @ 15.6°C	ASTM D4052	0.868
Viscosity @ 40°C (cSt)	ASTM D445	40.0
Viscosity @ 100°C (cSt)	ASTM D445	6.5
Viscosity Index	ASTM D2270	114
Flash Point °C	ASTM D92	225
Pour Point °C	ASTM D5950	-40
Color	ASTM D1500	1.0
Zinc, wt %	ASTM D5185	0.1
Phosphorus, wt. %	ASTM D5185	0.084
Calcium wt. %	ASTM D5185	0.23
Pumping Viscosity @ (-30°C),cP	ASTM D4684	15,000
Sulfur, wt %	ASTM D4951	0.29
Brookfield Vis @ -35, cP	ASTM D2983	13,000
TBN, mgKOH/g	ASTM D2896	10.0
Foam Seq. I / II / III	ASTM D892	PASS

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 or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

PRODUCT NUMBERS

SAE 10W Heavy Duty Hydraulic Oil	Pail: 18.9 L / 5 GAL	KL-HF2080
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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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