

KLONDIKE MAX 5000 HR AW Hydraulic Fluids: ISO 32, 46, 68



PRODUCT DESCRIPTION

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids are advanced long life fluids designed for high performance hydraulic systems. These fluids provide excellent operating and maintenance benefits for increased productivity.

APPLICATIONS

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids are recommended for vane, piston, or gear-type hydraulic pumps in heavy duty and industrial service.

Check your owner's manual for correct fluid viscosity.



SPECIFICATIONS AND APPROVALS

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids are recommended for use where the following specifications are listed:

- **Bosch Rexroth** (ISO 32,46, 68)
- **Eaton-Vickers** 35VQ25A pump, M-2950-S (Mobile) and I-286-S (Stationary)
- **Parker Hannifin (Denison)** HFO, HF1, HF2, T6H20C
- **ANSI/AGMA** 9005-E02, Industrial Gear Lubrication, for gear lubrication as rust and oxidation inhibited gear oils (ISO 46, 68, 100)
- **DIN** 51524-2
- **General Motors** LS2 Specification, LH for antiwear hydraulic fluids
- **ISO** 11158 L-HM
- **Joy** HO-S (ISO 68)
- **MAG Cincinnati, Cincinnati Machine** P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO-68)

FEATURES AND BENEFITS

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids are manufactured with high quality paraffinic base oils and high performance additives. They provide long term trouble free service in high output hydraulic systems at high temperature and pressure. This hydraulic fluid is designed to operate over a broad temperature range, resulting in lower maintenance cost and production down time.

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids have increased discharge flow rates and decreased internal pump leakage rates resulting in increased hydraulic system pumping efficiency, and therefore fewer fluid changes and less used fluid disposal. These hydraulic oils may also be used in general purpose lubricants where straight mineral oils and conventional rust and oxidation inhibited oils are recommended.

KLONDIKE MAX 5000 HR Anti-Wear Hydraulic Fluids deliver 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** – rust and oxidation inhibitor system helps prevent the production of rust formation as well as deposits, varnishes and sludges, which can damage metal surfaces and oil seals.
- **Smooth operation** – excellent fluid stability and water separation characteristics promote filterability even in the presence of water contamination. Anti-foam and air release properties help ensure smooth operation and high system efficiency.
- **Optimal oil service life** – high oxidation stability resists oil thickening and deposit formation in service, minimizing the possibility of an unscheduled change of hydraulic fluid.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD			
		ISO 32	ISO 46	ISO 68
Oxidation Characteristics, min hours	ASTM D943	5000	5000	5000
Viscosity @ 40°C (cSt)	ASTM D445	32.0	46.0	68.0
Viscosity @ 100°C (cSt)	ASTM D445	5.5	6.9	8.95
Viscosity Index	ASTM D2270	108	106	105
Flash Point °C	ASTM D92	216	230	249
Pour Point °C	ASTM D5950	-40	-36	-34
Zinc, wt%	ASTM D5185	0.04	0.04	0.04
Gravity; °API	ASTM D4052	31.9	31.5	30.7
Specific Gravity @ 60°F	ASTM D4052	0.860	0.864	0.869

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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