

KLONDIKE Commercial Formula AW Hydraulic Fluids: ISO 22, 32, 46, 68



PRODUCT DESCRIPTION

KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluid is designed for commercial and industrial hydraulic systems.

APPLICATIONS

KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluid is designed for use as a hydraulic power transfer fluid where vane, piston, and gear pumps are utilized.

May also be used as multi-purpose shop lubricant in applications such as lightly loaded air compressors, and as an air-line lubricant.

Typical applications for KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluid include (but are not limited to):

- Heavy duty mobile and stationary equipment in exploration, construction, logging and mining industries.
- Multi-use equipment lubricant for plain/anti-friction bearings, air-line lubricators and other such uses.



SPECIFICATIONS AND APPROVALS

KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluid meets the requirements of the following specifications (but not limited to):

- ASTM D6158 HM;
- DIN 51524 (1, 2);
- ISO 11158 HM;
- Eaton-Vickers M-2950-S (Mobile), I-286-S (Stationary);
- Parker Hannifin (Denison) HF0/HF1/HF2;
- Bosch Rexroth RE 90220

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

FEATURES AND BENEFITS

KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluid is formulated using refined base oils and high performance additive technology. This shear stable fluid resists viscosity breakdown in the presence of heavy mechanical stress, high temperature, and high pressure.

Premium AW additive technology uses anti-wear and friction modifying chemistry to achieve outstanding results in all key hydraulic component wear tests as well as demulsifier, rust inhibitor, and anti-foam agents for reliable performance.

KLONDIKE Commercial Formula Anti-Wear Hydraulic Fluids deliver value through the following benefits:

- **High Anti-wear properties** – outstanding anti-wear protection under high pressure
- **Good oxidation stability** – resistant to fluid oxidation and deposit formation.
- **Meets OE requirements** – achieves major manufacturers performance requirements for the protection of high pressure vane and piston style pumps.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	KLONDIKE COMMERCIAL FORMULA			
		AW 22	AW 32	AW 46	AW 68
API Gravity	ASTM D287	32.5	32.5	31.9	31.5
Viscosity @ 40°C, cSt	ASTM D445	22.0	32.0	46.0	68.0
Viscosity @ 100°C, cSt	ASTM D445	4.35	5.52	7.0	9.05
Viscosity Index	ASTM D2270	105	108	108	106
Pour Point, °C	ASTM D5950	-36	-34	-30	-26
Flash Point, COC, °C	ASTM D92	220	225	225	232
Oxidation stability	ASTM D943	4000+	4000+	4000+	4000+

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.

PRODUCT NUMBERS

AW 22 COMMERCIAL FORMULA	Pail: 18.9 L / 5 GAL	KL-HF0080
	Drum: 208 L / 55 GAL	KL-HF0090
	Tote: 1040 L / 275 GAL	KL-HF0095
AW 32 COMMERCIAL FORMULA	Pail: 18.9 L / 5 GAL	KL-HF0280
	Drum: 208 L / 55 GAL	KL-HF0290
	Tote: 1040 L / 275 GAL	KL-HF0295
AW 46 COMMERCIAL FORMULA	Pail: 18.9 L / 5 GAL	KL-HF0480
	Drum: 208 L / 55 GAL	KL-HF0490
	Tote: 1040 L / 275 GAL	KL-HF0495
AW 68 COMMERCIAL FORMULA	Pail: 18.9 L / 5 GAL	KL-HF0680
	Drum: 208 L / 55 GAL	KL-HF0690
	Tote: 1040 L / 275 GAL	KL-HF0695

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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