

KLONDIKE Universal Tractor Fluids



PRODUCT DESCRIPTION

KLONDIKE Universal Tractor Fluids are specialized, advanced fluids designed to fulfil the torque transfer, hydraulic, and power transmission requirements of farm tractors and other mobile off-road equipment. These fluids provide excellent operating and maintenance benefits across a broad temperature range for increased efficiency, performance, and component protection.

APPLICATIONS

KLONDIKE Universal Tractor Fluids are designed and recommended for use in all kinds of farm equipment, off-highway machinery, and industrial tractors. This premium, multifunctional fluid is the one single fluid that may be used to lubricate all conventional points on an agricultural or industrial tractor or piece of mobile equipment that has a common sump supplying oil to the transmission, final drive, power take-off, wet brakes, power steering, and hydraulic systems. This fluid is suitable for use in all major brand OEM equipment including, but not limited to AGCO Brands, Kubota, Oliver, Minneapolis-Moline, International Harvester, White Farm, John Deere, Deutz-Allis Chalmers, Case-New Holland, Ford-New Holland, J.I. Case, Massey Ferguson, Volvo.

It also meets API GL-4 gear oil specifications, Allison C-4 off road specifications, and hydraulic pump manufacturer's requirements for anti-wear hydraulic fluid.



FEATURES AND BENEFITS

KLONDIKE Universal Tractor Fluids are manufactured with the highest quality, ultra-pure paraffinic base oils and high performance additives. These advanced base oils have been chosen to maximize performance and provide long term, trouble free service in high-torque, high-output applications operating under heavy loads and severe stress. These multi-functional fluids are formulated to deliver smooth power transfer and reliable, consistent performance in modern, heavy duty equipment subject to wide ambient and system operating temperatures.

KLONDIKE Full Synthetic Universal Tractor Fluid is specially formulated with KLONDIKE's advanced Arctic Performance Technology to deliver outstanding protection and performance in extreme cold temperature operating conditions. Ultra-premium full synthetic base oils deliver maximum component protection and offer extended drain capability. Highly specialized additive technology ensures outstanding reliability and performance in low temperature applications ensuring equipment startup and minimized wear in these extreme conditions.

KLONDIKE Universal Tractor Fluids deliver value through the following benefits:

- **Friction material compatibility** – balanced frictional characteristics ensure precise clutch and wet brake operating with unsurpassed chatter suppression.
- **High oxidation stability** – extra resistance to thermal degradation provides superior protection against oxidation and deposit formation.
- **Outstanding anti-wear** – exceptional protection against wear from microscopic contaminants at high operating temperatures and pressures ensures long equipment life.
- **Increased efficiency** – the right fluid maximizes equipment reliability and minimizes maintenance costs.
- **Optimal oil service life** – high oxidation stability maximizes fluid life for reduced oil changes and improved fluid economy.



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SPECIFICATIONS AND APPROVALS

KLONDIKE Universal Tractor Fluids are recommended for use where the following specifications are required:

- AGCO: Massey Ferguson M-1145, M-1143, M-1141, M-1138, M-1135 Permatran III, White Q-1826
 - Supersedes
 - › Massey Ferguson; M-1110, 1127 (A&B), 1129A Permatran, 1139
 - › Oliver; Type 55, 5J
 - › New Idea; Q1802
 - › Minneapolis-Moline/White; Q-1705, 1722, 1766, 1766B (UTHF), 1802
 - › Deutz; Hyd Trans Fluid;
 - › Deutz-Allis; 25743, 272843
 - › Allis-Chalmers; PowerFluid PF-821, PF821 XL, 25741, 246634 Hydr Trans Fluid
 - › Landini; Tractor Hydraulic Fluid
 - › AGCO-Allis
- Allison: C-4, C-3, C-2 (agriculture applications only)
- API GL-4
- Case New Holland: MAT 3525, MAT 3526, MAT 3505, MAT 3506, ESN M2C86B
 - Supersedes
 - › JI Case; MS-1204, MS-1205, MS-1206 (Powergard PFT), MS-1207 (HyTran Plus), MS-1209 (HyTran Ultra/Multi Tran), MS-1210 (TCH), MS-1216, MS-1317, MS-143 (TFD), 144, 145 (TCH Fluid), MS-185 (TFD Fluid), M2CA/B/C, ESN-M2C134A/B/C/D; ESN-M2C77A, ESN-M2C86A/C, ESN-M2C41B, ESN-M2C43, ESN-M2C48B/C, ESN-M2C53A/B, ESN-142A, ESN-M2C143, ESN-M2C92A, ESN-M2C159A/B/C
- › IHC; B-5 (International Harvester), B-6 (HyTran)
- › FNHA-2-C-200, FNHA-2-C-201
- › JI Case;
- › Versatile Gear & Hydraulic Transmission Fluid, 23 M & 24M
- › Renk-Doromat; Bus Automatic Transmission Fluid 873, 874 A/B
- › Fiat-Hesston; AF-87 (Multi-F)
- › Valcatorres, Steiger; HTF (SEMS 17001)
- Clark Lift Truck: TA12, TA18, HR500, HR600
- Eaton Vickers: I-286-S, M-2950-S, 35VQ25
- JCMAS (Japanese Construction Mechanization Association): HK P-041, P-042
- John Deere: J-20C, J-20D (full synthetic only)
 - Supersedes
 - › J14 A/B/C, JDT303, J20 A/B HyGard, J21A, J22, Quatrol
- Komatsu
- Kubota: UDT, Super UDT
 - Supersedes
 - › M80B, Yanmar
- Parker: Dennison UTTO, HF-0,1,2
- Sauer Sunstrand/Danfoss: Hydro Static Trans Fluid
- Volvo: VCE 1273.03, VME, WB101, WB102 (full synthetic only)
- Voith: ZF – TE-ML 03E, 05F, 06K, 17E

KLONDIKE Universal Tractor Fluids are also recommended for use in (but not limited to) the following equipment applications: Belarus, David Brown, Dresser CED, Fendt (Non-Vario), IMT, Kiota, Landini, Leyland, McCormick Farmall, Mitsubishi, New Idea, Renault, Universal, Versatile, Valmet, and others.

Always follow equipment manufacturer's recommendations for proper fluid type.

Never use Universal Tractor Fluid as engine crankcase oil.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	KLONDIKE	
		UNIVERSAL	UNIVERSAL FULL SYN
Viscosity @ 40°C (cSt)	ASTM D445	53	40
Viscosity @ 100°C (cSt)	ASTM D445	9.4	7.85
Viscosity Index	ASTM D2270	150	170
Flash Point °C	ASTM D92	216	255
Pour Point °C	ASTM D5950	-46	-51
Zinc, wt %	ASTM D4927	0.14	0.14
Sulfated Ash, wt %	ASTM D874	0.3	0.3
Gravity; °API	ASTM D4052	30.8	36.9
Specific Gravity @ 15.6°C	ASTM D4052	0.87	0.841
Foam Seq. I / II / III	ASTM D 892	PASS	PASS

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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