

# KLONDIKE Universal Red Tractor Fluid



## PRODUCT DESCRIPTION

KLONDIKE Universal Red Tractor Fluid is a specialized, advanced formulation designed to fulfill the torque transfer, hydraulic, and power transmission requirements of modern agricultural and other mobile off-road equipment. This multi-functional fluid provides outstanding operating and maintenance benefits across a broad temperature range for increased operating efficiency, performance, and component protection.

## APPLICATIONS

KLONDIKE Universal Red Tractor Fluid is designed and recommended for use in all kinds of agricultural equipment, off-highway machinery, and industrial tractors. This premium, multi-functional formulation is a 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 where such a fluid is specified.

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



## FEATURES AND BENEFITS

KLONDIKE Universal Red Tractor Fluid is formulated with highest quality, ultra-pure base oil 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. This multi-functional fluid will deliver smooth power transfer and reliable, consistent performance in modern, heavy duty equipment operating in conditions subject to wide ambient and system operating temperatures. This fluid is dyed red for product identification and leak detection in the field.

KLONDIKE Universal Red Tractor Fluid delivers value through the following benefits:

**Friction material compatibility** – balanced frictional characteristics and high shear stability ensure precise clutch and wet brake operation and 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 Red Tractor Fluid is recommended for use where the following OEM specifications are required:

- AGCO Brands: PowerFluid 821, 821 XL (Deutz, Allis-Chalmers)
- Allison: C-4, C-3, C-2 (agriculture applications)
- API: GL-4
- Case: JIC 144, 145(TCH Fluid), MS-1204, MS-1207 (HyTran Plus), MS-1209 (HyTran Ultra/Multi Tran), MS-1210 (TCH)
- CAT: TO-2
- CNH (Case New Holland): MAT 3540, MAT 3525, MAT 3505
- Dennison: UTTO, HF-0,1,2
- FNH (Ford New Holland): A-2-C-200/201, M2C41A/B, M2C48B, M2C53A, M2C86A/B, M2C134A/B/C/D (NH-410B)
- Grove Manufacturing: Hydraulic Fluid
- Hesston- Fiat: AF-87 (Multi-F), Oilofiat Tutela
- IHC (International Harvester): B-5, B-6 (HyTran)
- JCMAS (Japanese Construction Mechanization Association): HK P-041, P-042
- John Deere: J-20C, J20 A/B, J21A, J14C, JDT303
- Komatsu
- Kubota: UDT
- Landini: Tractor Hydraulic Fluid
- Massey Ferguson: M-1110, M-1127, M-1127A/B, M-1129, M-1129A, M-1135, M-1141
- Oliver/White: Q1826, Q1802, Q1766, Q1766B, Q1722, Q1705, Type 55
- Sauer/Danfoss (Sunstrand): Hydrostatic Trans Fluid
- Steiger: Hyd-Trans Fluid (SEMS 17001
- Versatile Gear & Hydraulic Transmission Fluid: 23 M &24M
- Vickers: I-286-S (Industrial hydraulics), M-2950-S (Mobile hydraulics), 35VQ25

KLONDIKE Universal Red 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, Kioti, Landini, Leyland, McCormick Farmall, Mitsubishi, New Idea, Renault, Universal, Versatile, Valmet, and others.

## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	UNIVERSAL RED TRACTOR FLUID
Gravity; °API	ASTM D4052	32.5
Specific Gravity @ 15.6°C	ASTM D4052	0.863
Viscosity @ 40°C (cSt)	ASTM D445	60.0
Viscosity @ 100°C (cSt)	ASTM D445	9.4
Viscosity Index	ASTM D2270	140
Flash Point °C	ASTM D92	216
Pour Point °C	ASTM D5950	-42
Zinc, wt %	ASTM D4927	0.15
Sulfated Ash, wt %	ASTM D874	1.4
Color		Red
TBN, mgKOH/g	ASTM D2896	9.6
Foam Seq. I / II / III	ASTM D 892	PASS

Always follow equipment manufacturer's recommendations for proper fluid type. Never use Universal Red Tractor Fluid as engine crankcase oil.



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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](http://www.klondikelubricants.com) or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

## DISCLAIMER

Always follow OEM recommendations for fluid viscosity and API service category. KLONDIKE takes no responsibility for product misuse or misapplication.

## PRODUCT NUMBERS

UNIVERSAL RED TRACTOR FLUID	Pail: 18.9 L / 5 GAL	KL-HF8480
	Drum: 208 L / 55 GAL	KL-HF8490
	Tote: 1040 L / 275 GAL	KL-HF8495
	Bulk	KL-HF8499

## 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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