

# KLONDIKE Universal Full Synthetic Automatic Transmission Fluid



## PRODUCT DESCRIPTION

KLONDIKE Universal Full Synthetic Automatic Transmission Fluid is a premium performance, full synthetic automatic transmission fluid formulated for universal application in modern traditional automatic transmissions. This specially formulated combination of 100% synthetic base oils and state-of-the-art additive technology ensures peak performance and maximum fuel economy while meeting the frictional and wear requirements of most automatic transmissions regardless of age.

## APPLICATIONS

KLONDIKE Universal Full Synthetic Automatic Transmission Fluid is a highly advanced, premium automatic transmission fluid designed for use in automatic transmissions manufactured by North American, European, Asian, and other manufacturers around the world. This is one truly universal automatic transmission fluid ideal for global application.

Typical applications include:

- Passenger cars and light trucks.
- Heavy duty trucks in on- and off-highway applications.
- Buses, coaches, emergency vehicles.
- Power steering units and hydraulic systems where ATF is recommended.



## FEATURES AND BENEFITS

KLONDIKE Universal Full Synthetic Automatic Transmission Fluid is formulated with premium full synthetic base stocks and technologically advanced additives that provide oxidation and thermal stability, friction control, load-carrying ability, as well as corrosion and wear protection. High performance additive chemistry offers premium anti-shudder durability, friction stability, shift quality, anti-wear protection, oxidation stability, and outstanding low and high temperature operation characteristics. Oxidation resistant additives minimize the formation of deposits, sludge, varnish, and foam and demonstrate outstanding fluid life and component durability. Advanced friction modifiers combined with a highly optimized viscosity formulation have been proven to show improvements in fuel economy as opposed to traditional transmission fluid technology.

KLONDIKE Universal Full Synthetic ATF provides the necessary wear protection, viscometrics, and frictional properties required to fulfil the demands of North American, European, and Asian manufactured automatic transmissions. This multi-functional formulation has been extensively field tested to demonstrate its compatibility in a wide variety of automatic transmissions.

KLONDIKE Universal Full Synthetic ATF provides value through the following benefits:

- **Full synthetic** – premium synthetic base oils and advanced additive technology improves fuel economy and operating efficiency.
- **Advanced additive chemistry** – smooth, consistent shifting performance with positive lockup.
- **Anti-wear protection** – eliminates premature wear (especially at start-up) and maintains its properties at high temperatures under extreme loads or in severe operating conditions.
- **All climate application** – highly stable even at extreme high and low temperatures for year-round protection and performance.
- **Extended service life** – retains frictional performance properties and protects against oxidation, rust, and corrosion far beyond traditional fluids.
- **Compatibility** – ideal for top-up or complete replacement for OEM fluids.



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## SPECIFICATIONS AND APPROVALS

KLONDIKE Universal Full Synthetic Automatic Transmission Fluid meets the performance requirements of the following fluid applications:

- **Aisin** JWS 3309, 3324 (all OEM's)
- **Allison** C-3, C-4
- **Audi** 5HP LT71141, G 052 162-A1/A2, G 052 025 A2, 053 025 A2, 060 162, 055 540 A2, 052 990, 052 055
- **Bentley** PY112995PA
- **BMW** JWS 3309, LA2634, 7045E, LT71141, ETL 8072B, ZF 5HP18FL, 19FL, 5HP24, 5HP30,
- **Bosch** TE-ML 09
- **CAT** TO-2
- **Chrysler** 05127382AA(MB 236.12), 68043742AA(D-VI), 68157995AA(ZF 8 & 9), 68157995AB, 68171866AA(SP-IV), Mopar 8 & 9 fluid 68218925AA (ZF 8HP45 & ZF 9HP45)
- **Chrysler** AS68RC, AS69RC (T-IV), Diamond SP-III, ATF+3, ATF+4
- **Daewoo** LT 71141
- **Daihatsu** AMMIX ATF D-II, D-III SP
- **Esso** LT 71141
- **Fiat** T-VI, JWS 3309
- **Ford** M2C166H (XL-12), 138CJ, 922A1, 924A, JWS 3309, XT-2-QDX (Mercon V), XT-2-QSM (Synthetic Mercon), Ford FNR5, (Mazda M5, XT-9-QMM5), XT8QAW
- **Ford Mercon LV** (FF-WSS M2C938A/SF, XT-10-QLV)
- **Fuchs** 3353
- **FUSO** ATF-II, SPIII, A4
- **GM** Dexron HP, Dexron VI, Dexron III (H,G,F,E,D) Dexron II (D,E) Dexron, AW1
- **GM** Autotrak II (Transfer Case Fluid)
- **GM** (GMC, Opel, Saturn) 88863400/88863401(WS ATF), JWS 3309, 19 40 700, 19 40 767, 21005966 Transaxle, 22 17466, 88900925(T-IV), 9986195 (Aisin AW), AS69RC
- **GMN** 10060
- **Hino** Blue Ribbon ATF
- **Honda** ATF Ultra II, DW-1, Z-1, 3.0, 3.1
- **Hyundai/Kia** SP-IV, SP-IV M, SPH-IV, SP-IV RR, SP-III, Dex-II/SP-II, JWS 3314, 9683, 04000090SG, NUMM040 CH20 Red-1
- **IDEMITSU APOROIL** ATF HP, Idemitsu K17 3100 PL085
- **ISUZU BESCO** ATF-II, III, Isuzu SCS, ATF-III, ATF SP, 08200-9001
- **Jaguar** ATF 3403 M115, LT71141, ZF 5HP24, JLM20238, K17, 20292, 8432, 02JDE26444, WSS-M2C922A1
- **JASO** 1A-LV
- **Land Rover** LR023288
- **Lexus** JWS 3309
- **MAN** 339A, 339 Type V2, V1, Z2, Z1
- **Mazda** ATF D-II, M-III, M-V, FZ, F-1, S-1, N-1, 3317, T-IV
- **MB** 223.2, 236.1, 236.2, 236.10, 236.12, 236.14, 236.41, 236.5, 236.6, 236.7, 236.8, 236.9
- **Mini Cooper** T-IV, MINI P/N 83 22 0 402 413
- **Mitsubishi** Diaqueen SK, SP-II, SP-III, SP-IV, AW, J2, J3, ATF-MA1, PA
- **NAG-1** (Chrysler, Jeep, Cherokee)
- **Nissan** Matic C, D, J, K, P, S, 402
- **Porsche** P/N 999 917 547 00 (A2), ZF 5HP16FL, 19FL, ZF 5HP20, LT71141, ATF 3403-M115, T-IV (JWS 3309), 000 043 205 09, 000 043 205 28
- **SAAB** T-IV, 3309, 93 165 147, 93 160 393
- **Saturn** T-IV, GM TASA, T-IV ATF, GM WS ATF, Saturn VI, 21005966, 1940700, 1940767, 22717466, 88900925, 93160393
- **Shell** L 12108, 3403 M115, LA2634, ETL-8072B, M-1375.4
- **Subaru** ATF 5AT, Dex II, AT OIL 5D06, ATF, ATF HP
- **Suzuki** ATF 2326, 2384K, JWS 3309, 3314, 3317, AT OIL 5D06
- **Texaco** 7045-E, 8072B, N402
- **Toyota** D-II, D-III, Hybrid, T-II, T-III, T-IV, WS
- **Vickers** M-2950-S, I-286-S
- **Voith** 55.6335 (G607), Svc Bltn #013 and #118
- **Volvo** 97325, 97335, CE 97340, CE97341/AT-101, CE 97342/AT-102, 1161521, 1161621, 1161540, 1161640, 31256774, 31256675
- **Volvo** Passenger Car (4 / 6 sp), Volvo 97340, 97341, 97342, P/N 1161540-8
- **VW** 5 HP ZF5 HP 30, 18FL, 19FL, 24A, G-055-025 A2, G-055-540, G-055-162 (ZF Lifeguardfluid 5), G-055-162-A2, A6 (ZF Lifeguardfluid 6 Plus), G-060-162 (ZF Lifeguardfluid 8), G US 000 162, TL 52540 A, VW G 052 162 A1, A2 A6, 099, VW TL52162 (LT71141)
- **ZF**; all 3 & 4 speed, 8 speed, 9 speed, ZF TE-ML 02F, 03D, 04D, 05L, 09, 11A, 11B, 14A, 14B, 14C, 16L, 17C, 21L



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## TYPICAL TECHNICAL PROPERTIES

| PROPERTY                         | TEST METHOD | UNIVERSAL FULL SYN ATF |
|----------------------------------|-------------|------------------------|
| Gravity, °API                    | ASTM D287   | 35.6                   |
| Specific Gravity                 | ASTM D4052  | 0.846                  |
| Viscosity @ 40°C cSt             | ASTM D445   | 28.6                   |
| Viscosity @ 100°C cSt            | ASTM D445   | 5.80                   |
| Viscosity Index                  | ASTM D2270  | 152                    |
| Pour Point °C                    | ASTM D5950  | -51°C                  |
| Flash Point °C                   | ASTM D92    | 220                    |
| Brookfield Viscosity @ -40°C, cP | ASTM D2983  | 10,000                 |

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

### PRODUCT NUMBERS

|                              |                           |           |
|------------------------------|---------------------------|-----------|
| ATF UNIVERSAL FULL SYNTHETIC | Bottle: 946 mL            | KL-TF3040 |
|                              | Jug: 4.73 L / 1.25 GAL    | KL-TF3060 |
|                              | Pail: 18.9 L / 5 GAL      | KL-TF3080 |
|                              | EZE-BOX: 22 L / 5.8 GAL   | KL-TF3082 |
|                              | EZE-KEG: 52 L / 13.74 GAL | KL-TF3084 |
|                              | Drum: 208 L / 55 GAL      | KL-TF3090 |
|                              | Tote: 1040 L / 275 GAL    | KL-TF3095 |
|                              | Bulk                      | KL-TF3099 |

### 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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