

# 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 manufactures 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 tradition 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, consisting 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:

- **ATF** – Type A-Suffix A
- **Aisin Warner** – AW-1, JWS 3309, 3314, 3317, 3324, SCS, M315 A-1, T-IV
- **Acura** – ATF-Z1 (VTM-4)
- **Allison** – C-3, C-4, TES-389
- **American Motors** – ATF+3(MS7176-E), ATF+4(MS9602)
- **Audi** – ZF 5HP (18FL, 19FL, 24A, 30), 6HP (1375.4), TL52162 (LT71141), G-052-025-A2, G-052-162-A1/A2, G-052-182-A2, G-052-990-A2
- **BMW** – ZF 5HP (18FL, 19FL, 24A, 30), 6HP (1375.4), LA2634, ETL-7045E, ETL-8072B, N402, LT71141 83.22.9.400 (272, 275), 83.22.9.407 (738, 765, 807, 858, 859), 83.22.0.397 (114), 83.22.0.403 (248, 249)
- **Caterpillar** – Power Shift TO-2
- **Chrysler** – AS68RC “T-IV”, AS69RC, ATF+3 (MS7176-E), ATF+4 (MS9602), ZF 8HP, ZF 9HP
- **Daewoo** – LT 71141
- **Fiat** – “all vehicles”, Type T-IV
- **Ford Mercon**®
  - › Mercon (XT-2-QDR, XT-2-QSM syn)
  - › Mercon V (XT-5-QM, XT-5-DM, WSS-M2C-202B)
  - › Mercon SP (XT-6-QSP, XT-6-DSP, WSS-M2C-919D) except 6HP26 / 6R60/ 6R75 transmissions
  - › Mercon LV (XT-10-QLV, WSS-M2C-938A)
  - › WSS-M2C33-A/B/C/D/F/G, WSS-M2C138-CJ, WSS-M2C166-H, 185-A, 195-A, 202-B, WSS-M2C-922-A1, 924-A (XT-8-QAW)
- **GM Dexron**®
  - › Dexron VI, III-H, III-G, II-E, II
  - › T-IV
  - › GM Transfer Fluid 12378515 (Transynd® applications)
  - › GM Transfer Case 12378396, 12378508 (Auto Trak II)
- **Honda** – ATF-Z1, VTM-4, DW-1, DPF
- **Hyundai** – SP-II, SP-III, SP-IV, SP-4M, WS-9638
- **Infiniti** – Matic-D, Matic-J, Matic-K, Matic-S
- **IDEMITSU** – K17, JATCO 3100 PL085
- **Isuzu Besco** – ATF-II, ATF-III
- **Jaguar** – ZF 5HP24, ZF 6HP26, LT71141, JLM20238, JLM21044, ATF 3403 M115, M1375.4
- **JASO** – M315-2004 1A, 2A
- **Jeep** – ATF+3, ATF+4, AS68RC (T-IV)
- **Kia** – SP-II, SP-III, SP-IV, SP-4M, ATF Red 1
- **Lexus** – Type T, T-II, T-III, T-IV, WS (JWS 3324)
- **MAN** – 339 A,F, V1, V2, Z1, Z2, Z3
- **Mazda** – ATF-M III, ATF M-3, ATF-MV, V (XT-9-QMM5, FNR 5), FZ
- **MERCEDES** – ZF 4HP20, 223.2, 236.1, 236.10, 236.11, 236.12(NAG 1/2), 236.14, 236.41, 236.5(C-4), 236.6, 236.7, 236.8, 236.9, 722.3, 722.4, 722.5, 722.6, 722.9
- **Mini Cooper** – T-IV, 83 22 0 402 413, 83 22 7 542 290
- **Mitsubishi** – Diamond SP-II, SP III, SP IV, Dia Queen J2, J3
- **Nissan** – Matic-D, Matic-J, Matic-K, Matic-S, 402
- **Porsche** – ZF 5HP19FL, ZF 5HP20, LT71141, ATF 3403-M115, T-VI, JWS 3309
- **Renault** – “all vehicles”
- **RENK** – DOROMAT
- **SAAB** – JWS 3309, 93 165 146/147
- **SATURN** – T-IV, GM TASA, T-IV ATF, GM WS ATF
- **Shell** – 3403, 3353, LA2634, ATF-134, M-1375.4, M-1375.5, M-1375.6, M-12108
- **Subaru** – ATF, AT-HP
- **Suzuki** – ATF 2326, 2384K, JWS 3309, 3314
- **Texaco** – ETL-7045E, ETL-8072B, N402
- **Toyota** – Type T, T-II, T-III, T-IV, Type D-2, WS (JWS 3324), Toyota Prius (WS)
- **VICKERS** – M-2950-S, I-286-S
- **VOITH** – G607 (55.6335.XX), G1363 (55.66336.XX), TURBO, ZF, ECOMAT, ZF TE-ML 02F, 03D, 04D, 05L, 09, 11B, 14A/B/C, 16L, 17C
- **Volvo** – 97340, 97341, 97342 (AT-102), 1161640, 1161540, 1161521, T-IV
- **Volkswagen** – ZF 5HP (18FL, 19FL, 24A, 30), 6HP (1375.4), TL 52162 (LT71141), TL 52533, G-055-025-A2, G-052-162-A1/A2, G-052-182-A2, G-052-990-A2, G-052-025-A2, G-055-540-A2
- **ZF** – 8HP, 9HP



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## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	UNIVERSAL FULL SYN ATF
Gravity, °API	ASTM D287	35.6
Specific Gravity	ASTM D4052	0.8468
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	10,300

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.

### 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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