

# KLONDIKE Heavy Duty Full Synthetic Automatic Transmission Fluid



## PRODUCT DESCRIPTION

KLONDIKE Heavy Duty Full Synthetic Automatic Transmission Fluid is a premium transmission fluid designed for outstanding performance and extended service life in heavy duty applications.

## APPLICATIONS

KLONDIKE Heavy Duty Full Synthetic Automatic Transmission Fluid is a premium heavy duty fluid that has been specifically designed to meet the stringent performance requirements of the Allison TES-295 specification. In addition, this advanced product exceeds many other current original equipment manufacturers' specifications for automatic transmission fluids, including some of the latest OEM specifications from heavy duty transmission manufacturers such as ZF, Voith and Volvo, as well as some automotive specifications from GM, Ford, Chrysler, Toyota, Mitsubishi and others.

KLONDIKE Heavy Duty Full Synthetic ATF is an ideal transmission fluid for use in applications where heavy duty performance and maximum service life are desired.



## FEATURES AND BENEFITS

KLONDIKE Heavy Duty Full Synthetic Automatic Transmission Fluid is formulated with premium full synthetic base stocks and technologically advanced additives; base components specifically tested for very high fluid performance and component protection. High performance chemistry offers outstanding anti-shudder durability, friction stability, shift quality, anti-wear protection, fluid oxidation resistance, as well as outstanding low and high temperature operation characteristics. Oxidation resistant additives minimize the formation of deposits, sludge, varnish, and foam ensuring maximum fluid life and outstanding component durability. Advanced friction modifiers combined with an optimized viscosity formulation have been proven to show improvements in fuel economy.

KLONDIKE Heavy Duty Full Synthetic ATF contains advanced viscosity control chemistry and has demonstrated stay-in-grade performance in excess of 240,000 km's (150,000 miles) of on-road service. Such advanced performance ensures very long service life and helps to maximize the return on investment of heavy duty vehicle assets. This formulation has been extensively field tested to demonstrate its compatibility in a wide variety of automatic transmissions.

KLONDIKE Heavy Duty Full Synthetic ATF provides value through the following benefits:

- **Full synthetic** - premium synthetic base oils ensure high performance and operating efficiency.
- **Advanced additive chemistry** - smooth, consistent shifting performance with positive lockup.
- **Premium protection** - maintains its properties at high temperatures, while under extreme loads, or in severe operating conditions.
- **All climate application** - highly stable at extreme temperatures for year-round protection and performance.
- **Extended service life** - retains frictional and viscosity 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 APPLICATIONS

KLONDIKE Heavy Duty Full Synthetic Automatic Transmission Fluid is compatible with and may be used as a top-up or complete replacement fluid where the following specifications or product applications are listed:

- ATF Type A-Suffix A
- Allison C3, C4 (TES-228), TES-295, TES-389
- Aisin Warner A-1, 3309
- Audi/VW ZF, 5HP19FL, 5HP24A, LT7114, G-052-162-A1/A2, G055-005-A2, G052-025(09M), G052-990(09A), G052-025-A2
- BMW ZF, 5HP18FL, 5HP24, 5HP30, LT 71141, LA 2634, ETL-7045E, 8072B
- Caterpillar TO-2
- Chrysler / Jeep / American Motors ATF +3 / ATF +4, MOPAR AS68RC ATF
- Daewoo LT71141
- Esso LT71141
- Ford M, MV, M2C138-CJ, M2C166H, MC2C924-A
- GM DII / II-E / III / IIIG / IIIH, GM 9986195, Strasbourg, 12378515 (Transynd)
- Hyundai / Kia SP-II, SP-III, SP-IV
- Honda ATF – Z1, DW-1 (except in CVTs)
- Idemitsu K17, Jatco 3100PL085
- JASO 1A (M315-2006)
- Jaguar M1375.4, ATF 3403 M115, JWS 3309
- Land Rover -Texaco N402
- Mazda ATF M-III, M-V, FNR5
- Mini Cooper T-IV (except in CVTs)
- Mercedes ZF 4HP20, MB 236.1; 2; 3(P5F); 5(C-4), 6, 7, 8, 9, 10
- Nissan / Infiniti Matic D, J, K
- Peugeot ZF 4HP20
- Porsche ZF 5HP19FL, ATF 3403-M115, T-IV
- Saab 3309
- Subaru ATF, ATF-HP
- Shell 3403, 3353, LA2634
- Suzuki ATF 3317
- Texaco ETL-7045E, ETL-0872B, N402
- Toyota / Lexus / Scion Type T, T-II, T-III, T-IV (US PN 88900925, Canada PN 22689186)
- Voith H55.6335.XX(G607), Turbo, ZF, Comat, ZF TE-ML 03D, 04D, 09, 11, 16L, 17C, DIWA 5, DIWA 6, DIWA Hybrid
- Volvo 97340, 1161521, 1161540, T-IV, STD 1273.41

Other suitable applications may apply. Contact KLONDIKE for more information.

Not for use as CVT fluid, in Type F applications, or where Power Steering Fluids for Honda are specified.



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## TYPICAL TECHNICAL PROPERTIES

PROPERTY	HD FULL SYN ATF
Gravity, ° API	35.42
Sp.Gravity @ 15.6°C	0.847
Viscosity @ 40° C. cSt	34.8
Viscosity @ 100° C. cSt	7.35
Viscosity Index	>184
Pour Point °C	-51
Flash Point °C	220
Brookfield Viscosity @ -40° C. cP	8,000
Color, D-1500	Red

All stated physical properties are typical of standard production and may vary.

## PRODUCT NUMBERS

HD Full Synthetic ATF	Jug: 4.73 L / 1.25 GAL	KL-TF3160
	Pail: 18.9 L / 5 GAL	KL-TF3180
	Drum: 208 L / 55 GAL	KL-TF3190
	Tote: 1040 L / 275 GAL	KL-TF3195
	Bulk	KL-TF3199

## 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.

### KLONDIKE Lubricants Corporation

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