

KLONDIKE HD SYN DRIVE Full Synthetic Transmission Fluid



PRODUCT DESCRIPTION

KLONDIKE HD SYN DRIVE is a fully synthetic heavy-duty transmission fluid designed and approved for use in transmissions requiring Allison Transmission Engineering Specification 668 (TES 668™).

APPLICATIONS

Allison TES 668™ is a next generation standard for heavy duty automatic transmission fluid. Designed and recommended for use in modern high performance on and off road commercial vehicles, buses, utility vehicles, vans and other vocational equipment where fluid meeting Allison TES 668® or Allison TES 295® is specified.

SPECIFICATIONS AND APPROVALS

KLONDIKE HD SYN DRIVE is formally certified against TES 668™ (Approval No. 668-10292022) and is approved for use by Allison Transmission for the following transmission models:

- 1000, 2000, 3000, 4000 Series
- H 40/50 EP Hybrids
- eGen Flex

Allison TES 668™ fluid supersedes and is recommended by Allison for use in TES 295, TES 389, and TES 468 applications.

This high-performance fluid is also applicable for use in other heavy duty automatic transmission applications such as (but not limited to);

- MB 236.92
- Volvo 97340, 97341
- Voith H55.6355.xx
- GM D-IIIH / IIIG / IID
- Ford XT-2-QDX (MERCON); XT-5-QM (MERCON V)

FEATURES AND BENEFITS

KLONDIKE HD SYN DRIVE is formulated to exacting specifications using premium proprietary synthetic base oil and specific additive technology. These advanced components improve shift performance and power transfer quality due to enhanced viscosity shear stability, anti-wear/anti-shudder performance, and robust oil film strength.

Provides robust frictional performance to support accurate and consistent clutch function, with reduced noise and vibration, even in conditions of extreme operating temperatures and heavy load conditions.

Reinforced formulation with enhanced viscosity stability, thermal and oxidation stability, frictional durability, and resistance to foaming and corrosion ensures extended drain performance, smooth shifting, and optimal transmission function through the full expected service life of the fluid.

KLONDIKE HD SYN DRIVE delivers value through the following benefits:

- **Optimized year-round, all season performance** -remains fluid at low temperatures for cold weather shifting and maintains its properties at high temperatures under extreme loads and operating conditions.
- **Enhanced anti-wear protection and shear stability** –helps extend the life and service interval of your transmission, especially those operating under extreme loads or in severe operating environments.
- **Extended service life and performance** – retains frictional performance, and protects against oxidation, rust, and corrosion.
- **Multiple use product** – back serviceable for use in TES 295 and prior specification categories



668-10292022



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	HD SYN DRIVE
Density, g/cm ³	ASTM D4052	0.851
Kinematic, Viscosity, cSt, 40°C	ASTM D445	34.1
Kinematic, Viscosity, cSt, 100°C	ASTM D445	6.94
Viscosity Index	ASTM D2270	170
TBN, mgKOH/g	ASTM D2896	4.73
Flash Point, °C	ASTM D92	210
Pour Point, °C	ASTM D5950	-51
Brookfield Viscosity, cP, -40°C	ASTM D2983	11,000
Color	ASTM D1500	Red

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.

PRODUCT NUMBERS

HD SYN DRIVE	Pail: 18.9 L / 5 GAL	KL-TF3280
	Drum: 208 L / 55 GAL	KL-TF3290
	Tote: 1040 L / 275 GAL	KL-TF3295

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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