

KLONDIKE SAE 40 Full Synthetic ES Transmission Lubricant



PRODUCT DESCRIPTION

KLONDIKE SAE 40 Full Synthetic ES Transmission Lubricant is a heavy duty transmission fluid specially formulated for extended drain applications and severe operating conditions.

APPLICATIONS

KLONDIKE SAE 40 Full Synthetic ES Transmission Lubricant is recommended for service fill of heavy duty manual and automated manual transmissions. Typical applications include on-highway heavy duty trucks and buses as well as off-highway heavy equipment in the forestry, construction and mining industries. This modern HD transmission fluid will compliment the use of full synthetic gear lubricants in rear differentials and axles, thus offering outstanding service life and fuel economy benefits.

DO NOT use as an engine crankcase oil.



SPECIFICATIONS AND APPROVALS

KLONDIKE SAE 40 Full Synthetic ES Transmission Lubricant meets the performance requirements of and is recommended for use in applications where the following specification numbers are referenced:

- **API Service Category** MT-1
- **Meritor** O-81 Transfer Case
- **Eaton** PS-386, (supersedes PS-164 Rev 7)
- **Navistar** B-6816, B-6816 Type 2
- **Mack Truck** TO-A PLUS

FEATURES AND BENEFITS

KLONDIKE SAE 40 Full Synthetic ES Transmission Lubricant is produced exclusively from advanced, ultra-pure full synthetic base oils which have excellent thermal and oxidation stability, high viscosity index, and low pour point.

This advanced, modern fluid offers excellent lubrication protection during startup in extreme cold conditions, while also providing outstanding performance characteristics and excellent lubricant film strength across a wide temperature range. Optimized oil viscosity with low coefficient of friction can lead to reduced operating temperature and is designed to offer improved fuel economy as compared to conventional mineral-based lubricants or traditional SAE 50 viscosity fluids.

KLONDIKE SAE 40 Full Synthetic ES Manual Transmission Lubricant provides the following benefits:

- **Extended Service (ES) capabilities** – excellent performance in extended drain applications when used in accordance with OEM service intervals.
- **Excellent thermal and oxidation stability** – superior lubricating and frictional characteristics improve fuel mileage and offer improved operating efficiency.
- **High viscosity index and low pour point** – excellent performance over a wide temperature range including subzero service, promoting smoother, easier shifting.
- **Heavy duty protection** – advanced additive package ensures excellent protection against copper and copper alloy corrosion extends the life of synchronizers and other transmission components.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 40
Gravity, °API	ASTM D4052	30.1
Specific gravity	ASTM D4052	0.855
Flash Point, °C	ASTM D92	240
Viscosity @ 40°C (cSt)	ASTM D445	96.0
Viscosity @ 100°C (cSt)	ASTM D445	15.5
Viscosity Index	ASTM D2270	165
Brookfield Viscosity @ -40 °C	ASTM D2983	52,000
Colour	ASTM D1500	1.5
Pour Point, °C	ASTM D5950	- 50
Phosphorus wt %	ASTM D5185	0.12

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.

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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