



Transmax Manual E Long Life 40

Synthetic transmission fluid

Description

Castrol *Transmax Manual E Long Life 40* is a specially formulated synthetic lubricant designed for fuel efficiency, extended drain intervals and severe service in heavy duty commercial vehicle transmissions which require a non-EP transmission lubricant. It is formulated to protect higher torque transmissions coupled with increased horsepower engines. It is approved for use in Eaton transmissions such as Ultrashift Plus, Fuller Advantage, FR and RT Series transmissions.

Advantages

- Proven to provide better fuel economy versus other PS 164 transmission fluids.
- High performance and extended drain capabilities in transmissions.
- Excellent thermal and oxidation stability which resists deposit and sludge formation.
- Excellent protection from corrosion, foaming, rust, and wear.
- Superb high and low temperature performance.
- Friction retention, friction durability, and excellent shear stability to ensure and maintain smooth transmission operations throughout the extended drain interval.
- Formulated to reduce sump operating temperatures

Characteristics

Industry Specs and OEM Approvals

- API Category MT-1
- Eaton PS-386
- Mack TO-A Plus
- Meritor O-81
- Navistar MPAPS B-6816 Type II

Typical Characteristics

Name	Method	Units	Transmax Manual E Long Life 40
Density @ 15.6°C	ASTM D1298	kg/m ³	0.850
Viscosity, Kinematic 100°C	ASTM D445	cSt	14.8
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	95.1
Viscosity Index	ASTM D2270	None	163
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	51900
Flash Point, COC	ASTM D92	°C	238
Pour Point	ASTM D97	°C	-42

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