



TEXACO SYN-STAR[®] TL

50

CUSTOMER BENEFITS

Texaco Syn-Star TL delivers value through:

- **Extended drain capabilities** — Proven field performance for on-highway drain intervals of 500,000 miles and greater.
- **Excellent thermal and oxidation stability** — The synthetic hydrocarbon base oil used in this product provides outstanding stability.
- **A high viscosity index and low pour point** — The performance of the synthetic hydrocarbon base stock provides extremely broad operating temperature ranges when compared with conventional mineral oil based lubricants.
- **Protection against gear wear and copper corrosion** — The unique additive package can protect gears without using the “active sulfur” agents commonly found in automotive axle oils. This results in little to no corrosion and long life for copper-containing parts, such as oil coolers, bushings, and thrust washers.

FEATURES

Texaco Syn-Star TL is a heavy duty truck manual transmission fluid.

It is manufactured from synthesized hydrocarbon base fluids which have excellent thermal and oxidation stability, a high natural viscosity index, and a low pour point.

Texaco Syn-Star TL's outstanding low temperature flow properties and natural high viscosity index provides superior all-climate, year-round performance in heavy duty truck transmissions. Its use permits easier shifting in extremely cold weather and less drag and gear wear during startup.

APPLICATIONS

Texaco Syn-Star TL is recommended for factory and service fill of heavy duty manual transmissions, such as those manufactured by **Eaton, ArvinMeritor, and Mack**.

This product is not recommended for use as an engine crankcase oil.

Texaco Syn-Star TL

- meets the performance requirements of:
 - **API Service Category MT-1**
 - **ArvinMeritor O-81**
- is approved for the **Eaton Transmission Division PS-164** (750,000 mile extended warranty, with 500,000-mile drain)

TYPICAL TEST DATA

SAE Grade	50
<i>CPS Number</i>	221965
<i>MSDS Number</i>	8637
API Gravity	32.4
Viscosity, Kinematic cSt at 40°C cSt at 100°C	141 18.3
Viscosity Index	144
Flash Point, °C(°F)	212(414)
Pour Point, °C(°F)	-45(-49)
FZG Scuff Test, Passing Load Stage	12
ASTM D 1500 Color	1.5 (light pale)

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.