



DELO[®] TRANS ESI[®]

SAE 40

PRODUCT DESCRIPTION

“Delo. Let’s go further.[®]”

Delo[®] Trans ESI[®] is a premium grade transmission fluid recommended for use in Heavy Duty Manual Transmissions, such as those manufactured by **Eaton** and **Meritor**.

CUSTOMER BENEFITS

Delo Trans ESI delivers value through:

- **Minimal wear** — Delo Trans ESI is formulated to offer excellent antiwear properties. It promotes long life for gears, bearings, and seals.
- **Optimal lubricant life** — The outstanding thermal and oxidation stability characteristics of Delo Trans ESI have the potential to increase drain intervals four to eight times longer than for conventional mineral-based transmission lubricants.
- **Potential fuel savings** — The low friction properties of this product contribute to minimal energy consumption and low operating temperatures.
- **Exceptional value** — Delo Trans ESI is comparable to the leading synthetic transmission fluids in critical engine tests without the premium price of synthetics. Its extended-drain performance, relative to conventional transmission lubricants, can result in significant lubricant and labor savings.

FEATURES

Delo Trans ESI is a premium grade, heavy duty truck manual transmission fluid.



It is formulated with ISOSYN[®] Technology and compounded with a unique extreme pressure additive utilizing an inorganic borate compound. It also contains oxidation, corrosion, rust, and foam inhibitors.

This product is ideally suited for transmissions exposed to high temperatures and loads. It is also designed to be copper friendly and does not cause corrosion in copper oil coolers.

Tests have proven that Delo Trans ESI provides a thick wear protection film composed of compounds that do not adversely react with metal. This film readily forms to provide exceptional gear protection even under extreme high loads.

Delo Trans ESI minimizes friction which typically promotes a cooler operating temperature. This promotes maximum thermal stability for long transmission and lubricant life. Industry standard on-highway fuel economy tests in heavy duty trucks have shown equivalent fuel economy with Delo Trans ESI compared to SAE 50 Synthetic Transmission Lubricants.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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APPLICATIONS

Delo® Trans ESI® is recommended for use in heavy duty manual transmissions, such as those manufactured by **Eaton** and **Meritor**. Its exceptional thermal and oxidation stability, and antiwear performance promote long transmission life and optimal drain intervals.

Delo Trans ESI has undergone extensive bench and field tests which have demonstrated equivalent performance to synthetic transmission fluids in extended-drain, severe-service applications. In particular, this product underwent a grueling, 5-year, on-highway test in more than 150 Class 8 truck transmissions. The oil drain interval was greater than 500,000 miles for all units. End-of-test inspections of 32 transmissions all showed excellent results for gear, bearing, and seal protection.

Delo Trans ESI has met both **Eaton** and **Meritor** critical extended-drain performance requirements of field testing and oxidation stability after 300 hours at 325°F.

This product is not recommended for use in **Mack** manual transmissions. For that application, the preferred product is Delo® Gear ESI®, which is Mack GO-J Plus approved, and can be used as a “one-drum” fluid in both Mack transmissions and axles.

Alternatively, you can use Delo® Syn-Trans XE SAE 50 which is Mack TO-A Plus approved.

TYPICAL TEST DATA

SAE Grade	40
<i>Product Number</i>	<i>235062</i>
<i>SDS Number</i>	<i>6976</i>
API Gravity	28.2
Viscosity, Kinematic cSt at 40°C cSt at 100°C	143.8 14.5
Viscosity Index	99
Flash Point, °C(°F)	210(410)
Pour Point, °C(°F)	-33(-27)

Minor variations in product typical test data are to be expected in normal manufacturing.

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