



Delo® Trans ESI® SAE 40

Extended Drain Automotive Gear Oil

Product Data Sheet



Customer benefits

Minimizes fleet maintenance costs

Unique borate additive system significantly reduces friction, resulting in cooler operating temperatures, reduced wear and longer life of bearings and seals.

Minimizes fleet operating costs

Outstanding thermal and oxidation stability extends oil drain capability to more than four times the length of conventional gear oils, even under extreme service conditions. Special low friction properties contribute to reduced fuel consumption.

Extends equipment life

Patented borate EP technology creates an anti-wear film 3 to 5 times thicker than conventional EP additives, providing exceptional protection and longer gear life.

Wide temperature range application

Excellent low temperature flow properties and high temperature stability provide gear and bearing protection under a wide range of operating conditions.

Applications

- Heavy-duty non-synchronized manual transmissions, such as those manufactured by Eaton (Roadranger), ArvinMeritor and Mack.
- Particularly recommended for heavy-duty road transport gearboxes exposed to extreme loads and temperatures.
- Extended drain transmission oil applications in on-road heavy-duty equipment

Product features:

- **Delo® Trans ESI® SAE 40** is a premium performance heavy-duty manual transmission lubricant.
- **Delo® Trans ESI® SAE 40** is formulated with ISOSYN® Technology, a combination of special base oils and a unique EP additive system incorporating inorganic borate technology, to provide oil life and wear protection far exceeding conventional gear oils under extreme service conditions.





Typical key properties

DELO® TRANS ESI® SAE40	
SAE Grade	40
Product Code	510092
Pour Pt, °C	-33
Viscosity, mm ² /s @	
40°C	144
mm ² /s @ 100°C	14.5
Viscosity Index	99

1401

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.CaltexDelo.com.

Performance standards

- Suitable for use at extended drain intervals in Eaton (Roadranger®) and Meritor heavy-duty manual transmissions.



Delo® Trans ESI® SAE 40

Service Considerations

Delo® Trans ESI® SAE 40 is intended for use in heavy-duty non-synchronised manual transmissions, such as those manufactured by Arvin Meritor, Mack and Roadranger. It is not recommended for use in synchronized manual transmissions, or for use in any drive axles.

Excessive in-service water contamination of Delo Trans ESI SAE 40 should be avoided. While it will continue to provide excellent wear protection under such conditions, shortened seal life may result. Water contamination may be mitigated through operating or mechanical changes, for example the fitting of remote breather outlets to automotive gearboxes. However, if excessive water contamination cannot be avoided, another gear lubricant may provide a more effective solution and it is recommended that you consult your local Chevron representative.

As for all Chevron borated gear oils, the recommended maximum storage life of Delo Trans ESI SAE 40 is 2 years from the date of manufacture. For best results, where containers have been stored for periods greater than 12 months, contents should be agitated (by stirring, rolling etc.) before use.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
- Asia Pacific