

Delo[®] Syn-Trans XV

Ultra High-Performance Heavy Duty Synthetic Automotive Gearbox Lubricant



Product description

Delo[®] Syn-Trans XV SAE 75W- 80 is a premium synthetic, manual transmission fluid formulated specifically for Volvo iShift and Mack mDrive[®] automated manual transmissions.

Customer benefits and product features

Customer benefits

- **Extended drain capabilities**
Long drain capability exceeding 400,000 km contributes to reduced transmission overhauls and downtime. Helps extend life service up to 800,000 km in Volvo and Mack automated manual transmissions depending on severity of operating conditions, best monitored through an in-service oil analysis program.
- **Excellent shift quality and friction durability**
Specially tuned friction characteristics promote smooth and easy shifting. Highly durable synchromesh friction properties help provide consistent performance throughout the fluid lifetime.
- **Extreme pressure protection**
Helps protect against transmission gear scuffing, pitting and adhesive wear even at a lower viscosity level allowing for excellent parts protection.
- **Superb thermal and oxidation stability**
Formulated for high temperature performance and excellent oxidation resistance to help protect against sludge, varnish, lacquer and harmful deposit build-up to help keep critical transmission components clean.
- **High viscosity index and low pour point**
Excellent low temperature performance allowing for rapid circulation of the fluid for easy cold start up and reduced stress on the transmission components.
- **Wide seal compatibility**
This product is compatible with a wide range of seal elastomers helping to prevent seal deterioration and fluid loss.
- **Excellent shear stability**
Contributes to robust viscosity retention and system protection throughout fluid service life.
- **Fuel economy performance**
Provides fuel economy savings compared to more viscous fully synthetic SAE 50 and SAE 75W-90 transmission lubricants to help minimize vehicle operating costs. Best used in combination to complement with Delo[®] Syn-Gear XDM SAE 75W-90 in drive axles to help maximize fuel economy benefit.

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Customer benefits and product features *continued...*

Product features

- **Delo[®] Syn-Trans XV SAE 75W-80** is a premium heavy duty, automated manual transmission fluid engineered to provide excellent fluid shear stability and superb frictional characteristics to promote smooth, easy shifting. The high-performance additives allow for excellent resistance to rust and corrosion and are compatible with various types of ferrous and yellow metals.
- **Delo[®] Syn-Trans XV** is designed for extended drain service in heavy duty synchronized manual truck transmissions. It is formulated with fully synthetic PAO base oils and a specially balanced additive combination to promote reduction in transmission maintenance and overhauls.

Applications

Delo[®] Syn-Trans XV SAE 75W-80 is recommended by Chevron for use in heavy duty on-road truck synchronized manual and automated manual transmissions when operating on extended service under severe conditions and in extremely cold or hot environments.

In addition to its formal OEM approvals for Delo[®] Syn-Trans XV, data from field trials conducted by Chevron has been amassed demonstrating its capability for extended drain in numerous other truck applications. Field trial vehicles include those manufactured by MAN, Mercedes Benz, Scania and Volvo; transmissions include those manufactured by the truck constructors themselves and by ZF, including AS Tronic models and models fitted with intarders.

Product approvals, performance and recommendations

Performance standards

- | | |
|----------------------------------|-------------------------|
| • API GL-4 | Meets performance level |
| • DAF (Eaton Gearboxes) | Meets requirements |
| • Eaton (500,000 km / 3 years) | Meets requirements |
| • MAN 341 Type E4 | Meets requirements |
| • MAN 341 Type Z4 | Suitable for use |
| • Mercedes Benz MB 235.4, 235.11 | Suitable for use |
| • Voith RETARDER C | Approved |
| • Volvo 97305 | Approved |
| • Volvo 97307 | Approved |
| • Volvo 97318 | Approval #11 |

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

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Typical test data

DELO [®] SYN-TRANS XV	
SAE Grade	75W-80
Product Code	510405
Density, 15°C, kg/L	0.8645
Pour Point, °C	-54
Flash Point, °C	244
Viscosity, Kinematic	
mm ² /s @ 40°C	54.1
mm ² /s @ 100°C	9.2
Viscosity, Brookfield	
mPa•s @ -26°C	3,670
mPa•s @ -40°C	19,300
Viscosity Index	151

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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 Global Lubricants: Asia Pacific

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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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