

# Delo<sup>®</sup> Syn-AMT XDT SAE 75W-90

Automated Manual Transmission Fluid



## Product description

**Delo<sup>®</sup> Syn-AMT XDT** is a heavy duty truck synthetic automated manual transmission (AMT) fluid specially formulated for extended drain and severe service operations, and recommended for both factory and service fill of Daimler DT-12 Automated Manual Transmissions installed on most Freightliner or Western Star trucks that have DD15 or DD13 diesel engines.

## Customer benefits and product features

### Customer benefits

- **Extended drain capabilities**  
Provides on- highway drain intervals of up to 300,000 miles (500,000 km) <sup>1</sup> in on-highway Daimler DT-12 Heavy Duty automated manual transmissions (AMT).
- **Extended transmission warranty coverage**  
Delo Syn-AMT XDT SAE 75W-90 is approved for use in maintaining Daimler's 750,000 extended warranty coverage for DT-12 transmissions when used for either top-off or service fill.
- **Extreme pressure protection**  
Helps protect against transmission gear scuffing, pitting and adhesive wear, even at this lower viscosity level, allowing for excellent parts protection.
- **Superb thermal and oxidation stability**  
Formulated for high temperature performance and excellent oxidation resistance to protect against sludge, varnish, lacquer and harmful deposit buildup in critical transmission components.
- **High viscosity index and low pour point**  
Excellent low temperature performance allowing for rapid circulation of the fluid for easier start up and reduced stress on the transmission components.
- **Wide seal compatibility**  
Compatible with a wide range of seal elastomers helping to prevent seal deterioration and fluid loss.
- **Excellent shear stability**  
Robust viscosity retention, which contributes to system protection throughout the fluid's service life.
- **Fuel economy performance**  
Provides up to 2% fuel economy savings, compared to higher viscosity full synthetic SAE 50 transmission lubricants to help minimize vehicle operating costs.
- **Access to Chevron's lubrication and industry knowledge**  
Helps maximize the bottom line business results of trucking industry professionals.

<sup>1</sup> When extending oil drains, always follow OEM recommendations and utilize used oil analysis.

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## Customer benefits and product features *continued*

### Product features

- Delo Syn-AMT XDT SAE 75W-90 is a premium, heavy duty 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

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.

## Applications

Delo Syn-AMT XDT SAE 75W-90 is recommended for factory and service fill for Daimler DT-12 automated manual transmissions when operating under severe conditions and in extremely cold or hot environments.

Delo Syn-AMT XDT SAE 75W-90 meets or exceeds the performance requirements of **API Service Category GL-4**.

## Product approvals, performance and recommendations

### Approvals

- Daimler Trucks DTFR 13B110

### Performance

- MAN 341 Type MB

### Recommendations

- ZF TE-ML 08

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## Typical test data

DELO <sup>®</sup> SYN-AMT XDT	TEST METHOD	RESULT
<b>SAE Grade</b>		<b>75W-90</b>
<b>Product Code</b>		<b>510221</b>
Density	ASTM D4052	0.849
Viscosity, Kinematic mm <sup>2</sup> /s @ 40°C	ASTM D445	96.5
mm <sup>2</sup> /s @ 100°C	ASTM D445	14.5
Flash Point, PM, °C (°F)	ASTM D92	215
Pour Point, °C (°F)	ASTM 97	-51

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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.

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