



# Delo Syn-MTF XZ SAE 75W-80

## High performance synthetic heavy-duty manual transmission fluid

### Product description

Delo® Syn-MTF XZ SAE 75W-80 is a high performance synthetic heavy-duty manual transmission fluid approved by ZF and MAN and formulated for use in heavy-duty truck synchronised manual transmission systems.

Delo Syn-MTF XZ SAE 75W-80 is formulated with synthetic base fluids in combination with a high-performance additive system and offers a drain capability of up to 360,000 km.

### Customer benefits

- Long drain capability of up to 360,000km helps reduce maintenance costs and helps optimise uptime
- High performance, specially tuned friction characteristics contribute smooth shifting performance
- High viscosity index (VI) and robust shear stability offer reliable system protection during high temperature operations
- Low temperature fluidity aids rapid fluid circulation at system start-up helping protect critical and vulnerable components
- Extreme pressure (EP) protection promotes resistance to component scuffing and wear, helping reduce maintenance



### Product highlights

- **Up to 360,000km drain intervals**
- **Smooth shifting performance**
- **High performance protection**
- **Long fluid service life**
- **High temperature protection**

#### Selected specification standards include:

API	DAF
Eaton	MAN
Volvo	ZF

## Applications

- Delo Syn-MTF XZ SAE 75W-80 is designed for long drain in heavy duty synchronised manual truck transmissions, including automated models such as ZF AS Tronic transmissions. Delo Syn-MTF XZ SAE 75W-80 is suitable for use in transmissions fitted with intertarders
- Delo Syn-MTF XZ SAE 75W-80 may be used for service fill in ZF transmissions for trucks, busses and light commercial vehicles with “TE-ML 01” or “TE-ML 02” entries on the type plate. It may also be used in off-road activities such as mining where products of this type are permitted.
- For this product type, ZF permits a maximum of 360,000 km/2 years. Oil service intervals are dependent on the transmission model, application and type of service – check your handbook for details.

## Approvals, performance and recommendations

### Approvals

- DAF Oil for ZF gearboxes
- MAN 341 Type Z4 <sup>[1]</sup>
- ZF TE-ML 01L <sup>[3]</sup>
- ZF TE-ML 02L <sup>[3]</sup>
- ZF TE-ML 16K <sup>[3]</sup>

### Performance

- API GL-4 <sup>[4]</sup>

### Recommendations

- DAF Oil for Eaton gearboxes
- Eaton (Europe) Semi-synthetic (300,000 km/3 years)
- MAN 341 Type E3
- Volvo 97307 <sup>[2]</sup>

<sup>[1]</sup> MAN approval number: TUC 0541/12

<sup>[2]</sup> Volvo has withdrawn approvals for this product type.

<sup>[3]</sup> ZF approval number: ZF003600

<sup>[4]</sup> Although this product is suitable for use in applications where a GL-4 fluid is specified, it should be noted that the GL-4 specification does not fully address the requirements of synchronized manual transmissions. This fluid is optimized around the needs of commercial vehicle transmissions, and may not give satisfactory performance in applications such as passenger car transmissions.

Typical test data		
Test	Test methods	Results
<b>Shelf Life: 60 months from date of filling indicated on the product label.°</b>		
Viscosity, Kinematic, 100°C, mm <sup>2</sup> /s	ASTM D445	9.85
Viscosity, Kinematic, 40°C, mm <sup>2</sup> /s	ASTM D445	58.2
Viscosity, Brookfield, -40°C, mPa.s	ASTM D2983	73,400
Viscosity Index	ASTM D2270	155
Density, 15°C, kg/L	ASTM D1298	0.859
Flash Point COC, °C	ASTM D92	224
Pour Point, °C	ASTM D5950	-39

°Typical Shelf Life: (a) if stored under normal conditions and (b) can be extended after re-testing

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

**Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.**

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.

When disposing of used product, take care to protect the environment and follow local legislation. Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see [www.texacolubricants.com](http://www.texacolubricants.com).

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