



# TRANSMISSION AXLE 8 FE 80W-140

Transmission Oil

## KEY DATA

**SEMI-SYNTHETIC AXLES OIL**

**SAE 80W-140**

**FUEL ECONOMY**

### INTERNATIONAL STANDARDS

- ✓ API GL-5
- ✓ API MT-1
- ✓ MIL-PRF-2105E / SAE J2360

### MANUFACTURER APPROVALS

- ✓ SCANIA STO 1:0
- ✓ ZF TE-ML 05A, 12M, 16D, 21A

## Applications

TOTAL TRANSMISSION AXLE 8 FE 80W-140 is high performance multigrade oil designed for the lubrication of severely loaded hypoid axles and final reduction, requiring API GL-5 or API MT-1 levels of performance.

TOTAL TRANSMISSION AXLE 8 FE 80W-140 is recommended when filters are added to the lubrication system.

TOTAL TRANSMISSION AXLE 8 FE 80W-140 is particularly suitable for the lubrication axles from SCANIA and ZF, also suitable for Renault Trucks, Volvo and Iveco axles.

## Customer benefits

- **Reduced fuel consumption** in comparison with standard lubricants due to TOTAL's Fuel Economy technology.
- **Reduced cost of maintenance:** particularly adapted to reach the drain intervals recommended by the manufacturer.
- **Improved protection of axles** against wear and corrosion due to extreme-pressure properties of oil.
- **Improved driver start up experience:** low temperature fluidity due to a high viscosity index, generating benefits during cold starts and limiting drag losses and fuel consumption.
- **Improved stability in operation** due to high viscosity index
- **High compatibility with oil filters** due to antifoam properties

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## Characteristics\*

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Test	Unit	Test method	Result
Volumetric mass at 15°C	kg/m <sup>3</sup>	DIN 51757 D	887
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	252
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	25.5
Viscosity index	-	ASTM D2270	126
Pour point	°C	ASTM D97	-27

\* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

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## Recommendations for use

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Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

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## Health, safety and the environment

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Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This can be obtained on request from your local reseller and is available for consultation at [www.quickfds.fr](http://www.quickfds.fr).

This product should not be used for any purposes other than the ones for which it is intended.

When disposing of the product after use, please protect the environment and comply with local regulations.