



TRANSMISSION GEAR 7 80W-90

Transmission Oil

KEY DATA

GEAR OIL

SAE 80W-90

INTERNATIONAL STANDARDS

✓ API GL-4

MANUFACTURER APPROVALS

✓ MAN 341 type E-1 / Z-2
✓ ZF TE-ML 16A, 17A, 19A

APPLICATIONS

TOTAL TRANSMISSION GEAR 7 80W-90 is designed for synchronized and non-synchronized gearboxes, mild loaded axles, transfer boxes and all gears requiring MIL-L-2105 or API GL-4 level.

TOTAL TRANSMISSION GEAR 7 80W-90 is approved by ZF for the lubrication of their gearboxes (without Intarder) with standard drain interval

CUSTOMER BENEFITS

- **Efficient protection of gears against wear and corrosion** due to stable extreme-pressure properties
- **High compatibility with oil filters** due to antifoam properties
- **Efficient stability in operation** due to high viscosity index

CHARACTERISTICS*

Test	Unit	Test method	Result
Volumetric mass at 15°C	kg/m ³	DIN 51757 D	895
Viscosity at 40°C	mm ² /s	ASTM D445	140
Viscosity at 100°C	mm ² /s	ASTM D445	14.4
Viscosity index	-	ASTM D2270	101
Flash point	°C	ASTM D92	216
Pour point	°C	ASTM D97	-24

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

RECOMMENDATIONS FOR USE

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.

HEALTH, SAFETY AND THE ENVIRONMENT

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.

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.