

TRANSELF SYN FE 75W-90 is recommended for mechanical gearboxes (synchronized or not) and axles in cars and trucks as well as construction and agricultural machinery in the most heavy-duty conditions.

Technical Data Sheet

International Specifications	API GL-4, GL-5, MT-1 SAE J2360 MIL-L-2105 D, MIL-PRF-2105 E
Manufacturers Approvals	Approved : MAN 341 TYPE Z2, MAN 342 TYPE S1, MAN 341 TYPE GA1 SCANIA STO 1:1 G, SCANIA STO 2:0 A FS VOLVO 97312 ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12N, ZF TE-ML 16F, ZF TE-ML 17B, ZF TE-ML 19C, ZF TE-ML 21A Meets the requirement of : DAF DTFR 12B140 IVECO SCANIA STO 1:0

* Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer.

1 - Applications

TRANSELF SYN FE 75W-90 is particularly recommended when there is a desire for greater ease of gear shifting in cold weather with satisfactory gearbox operation when hot.

2 - Customer Benefits

High-performance gear oil that provides extreme-pressure and anti-wear properties, ensuring gearboxes and axles can function efficiently under severe conditions.

Offers excellent anti-rust and anticorrosion properties, even in the presence of water.

Provides optimal lubrication at all temperatures with a high viscosity index and low pour point.

Good shear stability and high anti-foaming power for a resistant lubricating film even at high speeds and good lubrication of devices fitted with oil filters.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m ³	866
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	101
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	15
Viscosity index	ASTM D2270	-	157
Pour point	ASTM D97	°C	-51
Flash point	ASTM D92	°C	-
TBN	ASTM D2896	mgKOH/g	-
Sulphated Ash	ASTM D874	% m/m	-

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

4 - 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.

5 - 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 (SDS).

The SDS is available on request from your local reseller and at <https://ms-sds.totalenergies.com>.

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