TRANSELF UNIVERSAL FE 80W-90

TRANSELF UNIVERSAL FE 80W-90 is recommended for lubricating a wide range of mechanical gearboxes and differentials in light vans, trucks, agricultural and construction machinery in the most heavy duty conditions.

Technical Data Sheet

International Specifications	API GL-4, GL-5, MT-1 SAE J2360
Manufacturers Approvals	Approved : MAN 342 TYPE M2, MAN 341 TYPE GA1 SCANIA STO 1:0, SCANIA STO 1:1 G VOLVO 97321 Meets the requirement of : MACK GO-J MAN 341 TYPE E2, MAN 341 TYPE Z2

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

1 - Applications

TRANSELF UNIVERSAL FE 80W-90 Is specially adapted for lubricating rear axles where operating temperatures are high and for which the user also seeks to extend the oil drain intervals.

2 - Customer Benefits

Recommended for multifunctional use in many axles and gearboxes.

Offers particularly stable coefficient of friction ensuring good synchronization in as well as very high level extreme pressure and anti-wear capabilities.

It displays enhanced anti-rust and anti-corrosion capabilities.

This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m^3	886
Kinematic Viscosity at 40°C	ASTM D445	mm^2/s	115
Kinematic Viscosity at 100°C	ASTM D445	mm^2/s	14.1
Viscosity index	ASTM D2270	-	123
Pour point	ASTM D97	°C	-33
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.

This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.