



A brand of **TOTAL**

## TRANSELF UNIVERSAL FE 80W-90



**Fully synthetic lubricant for heavily loaded gearboxes and axles.**



### APPLICATIONS

- For lubricating a wide range of mechanical gearboxes and differentials in light vans, trucks, agricultural and construction machinery in the most heavy duty conditions.
- 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.

### APPROVALS

<b>Specifications</b>	API GL-4 / GL-5 API MT-1
<b>Manufacturers' approval</b>	MAN 341 TYP Z-2 MAN 342 TYP M-2 SCANIA STO 1:0 Volvo 97321 / Mack GO-J

**Meets the requirements of:** MAN 341 TYP E-2

### PERFORMANCES AND CUSTOMER BENEFITS

<b>Rationalisation</b>	<ul style="list-style-type: none"> <li>• Multifunctional use in many axles and gearboxes.</li> <li>• Particularly stable coefficient of friction ensuring good synchronization in all situations for a wide range of gearboxes.</li> </ul>
<b>Very extended drain interval</b>	<ul style="list-style-type: none"> <li>• Very high level extreme pressure and anti-wear capabilities.</li> <li>• Very good thermal performance guaranteeing that the product is stable even under heavy loads and at high temperature.</li> </ul>
<b>Fuel saving</b>	<ul style="list-style-type: none"> <li>• Enhanced anti-rust and anti-corrosion capabilities.</li> <li>• Inert to seals.</li> <li>• Carefully designed frictional properties with base components selected to reduce vehicle fuel consumption.</li> </ul>

### PHYSICAL AND CHEMICAL CHARACTERISTICS

TRANSELF UNIVERSAL FE 80W-90		Method	Value
Density at 15°C	--	ASTM D1298	886
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	115
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	14.1
Viscosity Index	-	ASTM D2270	123
Pour Point	°C	ASTM D97	-33

*The features mentioned above are average values obtained with some variability in production and do not constitute a specification.*