



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

Specifications API GL-4 / GL-5
API MT-1

Manufacturers' approval MAN 341 TYP Z-2
MAN 342 TYP M-2
SCANIA STO 1:0
Volvo 97321

Meets the requirements of: MAN 341 TYP E-2

PERFORMANCES AND CUSTOMER BENEFITS

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

PHYSICAL AND CHEMICAL CHARACTERISTICS

TRANSELF UNIVERSAL FE 80W-90		Method	Value
Density at 15°C	--	ASTM D1298	886
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	115
Kinematic Viscosity at 100°C	mm ² /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.