



A brand of **TOTAL**

TRANSELF TYPE B 80W-90



Extreme-pressure lubricants for gearboxes and axles

APPLICATIONS

- Adapted to mechanical transmissions in cars and trucks, agricultural machinery as well as civil engineering and handling equipment :
 - mechanical gearboxes
 - hypoid axles
 - power-assisted steering systems

APPROVALS

Specifications	API GL-5
Manufacturers' approval	MAN 342 Type M-1 ZF TE-ML 12E, 17B, 19B
Meets the requirements of the following manufacturers	DAF, IVECO, RENAULT TRUCKS (level all axles), VOLVO

PERFORMANCES AND CUSTOMER BENEFITS

Performance at competitive cost

- Extreme-pressure and anti-wear properties enabling good gear performance under heavy loads and repeated shocks.
- High resistance to degradation, ensuring a stable performance.
- Anti-rust and anticorrosion properties on steel and copper, even in the presence of water.
- High viscosity index and low pour point guaranteeing effective lubrication at all temperatures.
- Good thermal stability.
- Inert to seals.
- Anti-foaming power.

PHYSICAL AND CHEMICAL CHARACTERISTICS

TRANSELF TYPE B 80W-90		Method	Value
Density at 15°C	--	ASTM D1298	901
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	144
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	15
Viscosity Index	-	ASTM D2270	102
Pour Point	°C	ASTM D97	-27

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