



A brand of **TOTAL**

GEARELF 5

80W-90

85W-140



Extreme-pressure lubricant for hypoid gearboxes and axles

APPLICATIONS

Mechanical gearboxes and axles of cars and trucks

- These lubricants are parts of a modern range of products that are particularly suited to the most rigorous service conditions found in automotive mechanical transmission (light and heavy duty vehicles), agricultural machinery, civil engineering and handling equipment.
 - Mechanical gearboxes
 - Hypoid gear axles

Refer to the maintenance book of your vehicle to know the recommendation of the

PERFORMANCES

International specifications

- API GL-5

CUSTOMER BENEFITS

Extra protection

- Superior extreme-pressure, anti-wear, anti-scuffing properties and antifoaming quality that maintain a high level of efficiency in gears operating under heavy loads and subjected to repeated shocks.

Reliable performance

- High resistance to deterioration, guaranteeing stable performances even in high working temperature.

Longer transmission life

- Anti-rust and anti-corrosion powers to protect steel and copper when in contact with water.

Smooth Shifting

- Smooth shifting in manual transmissions by controlling glazing and coking of friction surfaces in synchronizing mechanisms.

Seal compatible

- Neutral with regard to seals, even at high temperatures.

CHARACTERISTICS

Test Description	Method	Units	GEARELF 5 80W-90	GEARELF 85W-140
Density at 15°C	ASTM D4052	Kg/m ³	889	899
Viscosity at 40°C	ASTM D445	mm ² /s	143	329
Viscosity at 100°C	ASTM D445	mm ² /s	14.5	25.0
Viscosity index	ASTM D2270	-	99	98
Brookfield Viscosity	ASTM D2983	mPa.s	118,500@-26°C	79,580@-12°C
Pour point	ASTM D97	°C	-33	-15
Flash point	ASTM D92	°C	255	264

The typical characteristics mentioned represent mean values

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This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.