



A brand of **TOTAL**

GEARELF 4

SAE 90 – SAE 140 – 85W-90 – 85W-140



Extreme pressure transmission lubricant for mechanical gearboxes.

APPLICATIONS

- GEARELF 4 is extreme-pressure lubricant for the lubrication of loaded gears for which an API GL-4 level of performance is required.
- GEARELF 4 is suitable for all manual transmissions, transaxles, transfer boxes and steering gears in automotive and agricultural equipments which require API GL-4 level of performance.

APPROVALS

Specifications Satisfies the international API GL-4 specification..

PERFORMANCES AND CUSTOMER BENEFITS

- Easy driving by any weather**
 - Avoids noisy problems when changing speeds thank to its good shear stability ensuring a sufficient viscosity at high temperature (« stay-in-grade »).
- Operation under heavy load**
 - High Extreme-Pressure and antiwear performance guaranteed by a stable sulfur-phosphorous additivation Very high resistance to shear.
- Long lifetime of the gearbox**
 - Good anticorrosive and antirust properties for protection of ferrous and non-ferrous components

PHYSICAL AND CHEMICAL CHARACTERISTICS

GEARELF 4		Method	85W-90	85W-140
Density at 15°C	--	ASTM D1298	909	904
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	191	338
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	17,6	25,3
Viscosity Index	-	ASTM D2270	99	97
Pour Point	°C	ASTM D97	-15	-12

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