



A brand of **TOTAL**

GEARELF 5

SAE 90 – 80W-90 – 75W-90

SAE 140 – 85W-140



Extreme pressure transmission lubricant for mechanical gearboxes and axles.

APPLICATIONS

- GEARELF 5 is extreme-pressure lubricant for the lubrication of loaded gears and axles for which an API GL-5 level of performance is required.
- GEARELF 5 is suitable for all manual transmissions, transaxles, transfer boxes and steering gears in automotive and agricultural equipments which require API GL-5 level of performance.

APPROVALS

Specifications Satisfies the international API GL-5 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 and axle

- Good anticorrosive and antirust properties for protection of ferrous and non-ferrous components

PHYSICAL AND CHEMICAL CHARACTERISTICS

GEARELF 5	Method	75W-90	80W-90	SAE 90	SAE 140	85W-140	
Density at 15°C	--	ASTM D1298	0,870	0,893	0,887	0,880	0,890
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	160	154	-	-	330
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	16,05	15,89	15,80	25,5	25,5
Flash Point	°C		> 210	> 210	> 210	> 210	> 210
Brookfield			< 130000 @ -40°C	< 130000 @ -26°C	-	-	< 130000 @- 12°C
Pour Point	°C	ASTM D97	-27	-27	-	-	-12

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

TOTAL LUBRIFIANTS
562 avenue du Parc de l'Île
92029 Nanterre
FRANCE

GEARELF 5
Update : 08/2017
1/1

This lubricant does not cause adverse health effects when used in the intended application.
A safety datasheet, is accessible on request from your local dealer.

