



Description

Lubricant for manual gearboxes in commercial and passenger vehicles requiring API GL-4 quality levels. This oil has been specially designed to comply with lubricant requirements set by the leading vehicle manufacturers for their manual gearboxes.

Properties

- Delivers improved gearbox performance and better gear synchronisation at low temperatures.
- It ensures smooth gear changes, even in extreme temperatures, due to its excellent fluidity at low temperatures.
- Excellent wear protection for gears and synchronisers.
- Very high thermal stability and resistance to aging.

Quality levels, approvals and recommendations

- API GL-4

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			80W-90	75W-80
Density at 15 °C	g/cm3	ASTM D4052	0.891	0.857
Kinematic viscosity at 40 °C	cSt	ASTM D445	153	47
Kinematic viscosity at 100 °C	cSt	ASTM D445	14	8.6
Brookfield Viscosity at -26 °C	cP	ASTM D2983	<150,000	-
Brookfield Viscosity at -40 °C	cP	ASTM D2983	-	<150,000
Viscosity index	-	ASTM D2270	99	160
Flash point, open cup	°C	ASTM D92	230	200
Pour point	°C	ASTM D97	-33	-42

The above mentioned characteristics are typical values and should not be considered product specifications.