



# NAVIGATOR HQ GL-4 SAE 80W

## Description

Monograde lubricant oil for manual gearboxes that require quality level API GL-4. Available in different viscosities according to manufacturers' recommendations and temperature at the time of starting the vehicle.

## Properties

- Protects gears against moisture, preventing corrosion and increasing transmission life.
- Excellent compatibility with bronze and copper elements of gearbox synchronisers, allowing for smoother gear changes.
- Prevents foam formation, maintaining constant lubrication of all components and preventing the fatigue wear characteristic of gears.
- Approved by most industrial vehicle manufacturers.

## Quality levels, approvals and recommendations

- DAIMLER TRUCK: DTFR 13B100\*
  - ZF TE-ML: 17A\*
  - DAF: Transmissions
  - MAN: 341 Z2/341 E1
  - VW: 726
  - MB: 235.1\*
  - API: GL-4
  - IVECO: 18-1807 MGS2
  - RENAULT: Transmissions
- \*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			80W
Density at 15 °C	g/cm <sup>3</sup>	ASTM D4052	0.891
Kinematic viscosity at 100 °C	cSt	ASTM D445	10,86
Kinematic viscosity at 40 °C	cSt	ASTM D445	91
Viscosity index	-	ASTM D2270	103
Flash point, open cup	°C	ASTM D92	>190
Pour point	°C	ASTM D97	-36

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