



# GEAR SYNTH FE 75W-80

Fully Synthetic

## DESCRIPTION

**GEAR SYNTH FE 75W-80** is a 100% synthetic lubricant for heavy duty manual transmissions subject to high load and long drain services.

## ADVANTAGES

- Reinforced with Extreme Pressure additives for efficient anti-wear protection.
- Synthetic base oil and additives for a better resistance at high temperature and longer life time.
- Stays in viscosity grade 80 after KRL 20 hours shear test as requested by SAE J306 Standard for transmission oils.
- Very high lubricating power which decreases friction and wear.
- Viscosity grade 80 at high temperature reduces gearbox drag.
- Fluid at low temperature to allow easier gear shifting when the gearbox is cold.
- Less effort required on the gear lever to shift the gears.
- Suitable for any type of seal and yellow material used in gearboxes design.
- Fully Synthetic Extreme Pressure lubricant for an efficient anti-wear protection, a better resistance at high temperature and a longer life time.

## TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	GEAR SYNTH FE 75W80
Viscosity grade	SAE J 300	75W-80
Density at 20°C (68°F)		0.858
Viscosity at 40°C (104°F)	ASTM D445	65.1 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	10.3 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	146.0
Pour point	ASTM D97	-48.0 °C / -54.0 °F
Flash point	ASTM D92	242.0 °C / 468.0 °F



## STANDARDS / APPROVALS / PERFORMANCE LEVEL

**GEAR SYNTH FE 75W80** received approvals from:

- VOITH - Retarder Class C
- MERCEDES-BENZ - MB-Approval 235.29
- MAN - 341 Type VR
- VOLVO - Transmission Oil 97307

**GEAR SYNTH FE 75W80** meets or exceeds the most common specifications and OEM requirements:

- EATON - Manual Transmission
- MAN - 341 Type E4

## RECOMMENDATIONS

Oil drain: refer to manufacturers' recommendations and adjust according to your own use.

## IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.