



MOTUL GEAR SYNTH XD 75W-80

Fully Synthetic

DESCRIPTION

GEAR SYNTH XD 75W-80 is a Fully Synthetic lubricant for heavy duty manual transmissions working under high load and extended drain services.

APPLICATIONS

GEAR SYNTH XD 75W-80 is specially designed for heavy duty manual transmissions running under high load and extended drain services: DAF, IVECO, MAN, VOLVO, EATON and ZF with or without retarder.

Especially recommended for ZF truck gearboxes requiring a ZF TE-ML 01L or 02L approved lubricant. Suitable also for gearboxes and gearbox/differential without limited slip system operating under moderate loads and revolution speed or transfer gearboxes, mechanical transmissions without hypoid gear, reduction gears operating under moderate to severe load and revolution speed.

ADVANTAGES

- Reinforced with Extreme Pressure additives for efficient anti-wear protection.
- Higher resistance at high temperature and longer life time thanks to synthetic base and additives.
- 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.
- Extreme pressure lubricant for an efficient anti wears protection.



TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	GEAR SYNTH XD 75W80
Viscosity grade	SAE J 300	75W-80
Density at 20°C (68°F)	ASTM D1298	0.856
Viscosity at 40°C (104°F)	ASTM D445	58.9 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	9.7 mm ² /s
Viscosity Index	ASTM D2270	149.0
Pour point	ASTM D97	-42.0 °C / -44.0 °F
Flash point	ASTM D92	230.0 °C / 446.0 °F

STANDARDS / APPROVALS / PERFORMANCE LEVEL

GEAR SYNTH XD 75W80 meets the following standards:

- API - GL-4

GEAR SYNTH XD 75W80 received approvals from:

- ZF - TE-ML 01L under N° ZF001987
- ZF - TE-ML 02L
- ZF - TE-ML 16K

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

- DAF -
- EATON - Manual Transmission
- IVECO - 18-1807 MGS1
- MAN - 341 Type E3
- MAN - 341 Type Z4 (ex-MAN 341 SL+)
- RENAULT TRUCKS - RENAULT
- VOLVO - Transmission oil 97305

RECOMMENDATIONS

Oil drains: 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 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. The safety data sheet of this product is available at www.motul.com.