

GEARBOX MB SYN

Petromin GEARBOX MB SYN 75W80 is fully synthetic gearbox oil which is specially developed for heavy duty applications in commercial vehicles, buses & trucks. It is suitable for year-round lubrication of manual transmissions in light to severe duty on-highway and off-highway equipment operating in a wide range of environments. Its advanced additive system provides outstanding detergency and dispersancy with optimized protection against thermal degradation, oxidation, wear, and corrosion. Because of its high viscosity index and synthetic base oil, it provides stronger film strength at higher temperatures over a conventional gear oils.

BENEFITS

- Excellent viscosity-temperature properties at very low temperatures without oil channeling.
- Superior protection under extreme stress conditions
- Reduced fuel consumption & longer life gear oil.
- Suitable for all seasons.
- Excellent stability in operation due to high VI
- High compatibility with oil filters due to antifoam properties
- Helps rationalization of products covering gear related to MB, MAN, VOITH, and VOLVO.

PERFORMANCE LEVEL

Petromin GEARBOX MB SYN has the following Builder Approvals:

- MB 235.29

Petromin GEARBOX MB SYN meets or exceeds the requirements of:

- API GL-4
- VOLVO 97307
- MAN 341 Type E4 and VR
- VOITH Retarder 153.000900.10
- Eaton Manual Transmission

APPLICATIONS

Petromin GEARBOX MB SYN 75W80 is recommended for use as a lubricant where OEM specifications such as Voith Retarder Category C, MAN 341 Type ER/VR and MB 235.29 are required. It is suitable for retarders of Renault, Volvo, MAN and Mercedes-Benz requiring such quality oils. It is recommended for manual transmissions and non-hypoid gearbox applications

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE Grade	-	75W-80	-
Specific Gravity @ 15 °C	-	0.846	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	49.16	ASTM D-445
Viscosity @ 100 °C	mm ² /s	8.65	ASTM D-445
Viscosity Index	-	155	ASTM D-2270
Flash Point, COC	°C	243	ASTM D-92
Pour Point	°C	-51	ASTM D-97
Copper Strip Corrosion 3 hrs @ 100 °C	-	1a	ASTM D-1500

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

