

**Technical Data for:****MAPETROL MULTI VEHICLE GL 4/5 75W-90****Description:**

Mapetrol Multi Vehicle GL 4/5 75W-90 is latest-generation, universal, fully synthetic, gear oil designed to meet the newest global energy conservation standards. It's suitable for a wide range of manual transmissions, including heavy-load ones, transfer cases, and main gears with hypoid gears. Recommended for heavy-load transmissions in vehicles from European, American, and Asian manufacturers, meeting MIL-PRF-2105E requirements.

**Benefits:**

- Exceptional anti-friction and anti-scuffing properties, resulting in significant fuel savings and smooth transmission shifts
- Excellent anti-wear properties, extending equipment lifespan even in extreme conditions and a wide range of temperatures
- Ensures reliable performance in low temperatures, down to -45 °C
- Outstanding thermal stability and resistance to high-temperature degradation, allowing longer oil change intervals and cost reduction
- Protects against sludge and abrasive sediments
- Guards against corrosion on metal parts
- Compatible with sealing materials, reducing spare parts costs and preventing leaks
- Reduces noise

**Specifications and approvals:**

API GL-4/GL-5	VOLVO 97312
API MT-1	ZF TE-ML 02B
SAE J2360	ZF TE-ML 05A
MIL L 2105 D/PRF 2105 E	ZF TE-ML 12L
EATON Europe	ZF TE-ML 12N
MAN 341 Z2	ZF TE-ML 16F
MAN 341 S1	ZF TE-ML 17B
MB 235.8	ZF TE-ML 19C
MERITOR O-76-N	ZF TE-ML 21A
SCANIA STO 1:0	

**Typical characteristics:**

Test	Method	Unit	Results
Density at 15 °C	ASTM D 4052	[g/cm <sup>3</sup> ]	0.89
Kinematic viscosity at 40 °C	ASTM D 445	[mm <sup>2</sup> /s]	65.3
Kinematic viscosity at 100 °C	ASTM D 445	[mm <sup>2</sup> /s]	14.1
Viscosity index	ASTM D 2270	-	226
Flash Point	ASTM D 92	[°C]	216
Pour point	ASTM D 97	[°C]	-45

**Storage:**

Please store in a well-ventilated, dry, and cool area, away from direct sunlight and out of reach of children. Additional information can be found in the safety data sheet.

