

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

Typical characteristics:

| Test | Method | Unit | Results |
|-------------------------------|-------------|----------------------|-----------|
| Density at 15 °C | ASTM D 4052 | [g/cm ³] | 0,83-0,93 |
| Kinematic viscosity at 40 °C | ASTM D 445 | [mm ² /s] | 60-110 |
| Kinematic viscosity at 100 °C | ASTM D 445 | [mm ² /s] | 13,5-18,5 |
| Viscosity index | ASTM D 2270 | - | > 140 |
| Pour point | ASTM D 97 | [°C] | < -40 |
| Flash point (Cleveland) | ASTM D 92 | [°C] | > 200 |

The values provided are for informational purposes only. The exact values for a specific batch are available on the Certificate of Analysis (CoA).

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.