

MITANOL Syngear 75W-90

Fully synthetic hypoid gear oil

Properties

MITANOL Syngear 75W-90 is a fully synthetic smooth-running gear oil for manual transmissions and heavily loaded axle drives. **MITANOL Syngear 75W-90** has the following advantages over conventional transmission oils:

- Excellent cold properties
- Excellent thermal stability
- Very high viscosity index
- Very high shear stability
- Avoidance of cold scratches and effective noise damping
- Excellent corrosion protection
- Reduction of fuel consumption
- Extension of oil change intervals
- Less abrasion and consequently extended gear life

Application notes

MITANOL Syngear 75W-90 is suitable for universal application in the complete transmission line (Total Drive Line), consisting of synchronized and non-synchronized manual transmissions as well as axle transmissions with and without hypoid gearing and transfer cases in motor vehicles and commercial vehicles.

Service description

Specifications:

- API GL-4, API GL-5, MT-1
- MIL-L-2105 E

Recommendations*:

- BMW 83229407768, BMW OSP, BMW SAF-XO
- BOT 328, 130M, 720
- DAF LKW
- Iveco
- Mack GO-J
- MAN 342 Typ S1/S2
- MB 235.8 / 235.11
- Renault LKW
- SCANIA STO 1:0
- Volvo 97312 / 97315
- VW 501 50 (VW G052 911 A1/A2)
- ZF TE-ML 02B, 05B, 07A, 12B/N, 16F, 17B, 19C, 21B

| TYPICAL PARAMETERS | METHODS | UNITS | MITANOL Syngear 75W-90 |
|----------------------|--------------|--------------------|------------------------|
| Density at 15°C | DIN 51 757 | kg/m ³ | 869 |
| Viscosity 40°C | DIN 51 562 | mm ² /s | 97 |
| Viscosity 100°C | DIN 51 562 | mm ² /s | 15,5 |
| Viscosity index (VI) | DIN ISO 2909 | - | 169 |
| Pour point | DIN ISO 3016 | °C | -51 |
| Flash point COC | DIN ISO 2592 | °C | 230 |

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* meets the requirements of the OEM manufacturer.
 The stated values may vary within the usual commercial range.