



NESTE GEAR EP 80W, 80W-90

Gear oil

SAE 80W and 80W-90

API GL-4

ZF TE-ML 02A, 16A, 17A, 19A (SAE 80W-90)

MB-Approval 235.1 (SAE 80W)

MIL-L-2105

Neste Gear EP 80W and 80W-90 are gear oils made of solvent-refined paraffinic base oils with API GL-4 standard additives for wear, pressure, foaming, oxidation and corrosion resistance.

| TYPICAL CHARACTERISTICS | 80W | 80W-90 |
|---------------------------------|-------|--------|
| Density kg/m ³ 15°C | 881 | 893 |
| Flash Point °C (COC) | 214 | 233 |
| Pour Point °C | -33 | -30 |
| Viscosity Index | 110 | 103 |
| Viscosity cSt/ 40 °C | 74 | 127 |
| Viscosity cSt/ 100 °C | 9,8 | 13,7 |
| Brookfield Viscosity cP/ -26 °C | 17620 | 94000 |
| Tunnelling point °C | < -35 | |

Neste Gear EP 80W and 80W-90 are suitable for most manually operated gearboxes. They are recommended particularly for the ZF gears of trucks and buses and for the transmission of most front-wheel drive passenger cars. The oils API GL-4 standard additive gives efficient wear resistance but does not hamper the operation of synchro-mesh gear mechanisms.

Neste Gear EP 80W has been designed particularly for transmissions and the drive gears of Mercedes Benz utility vehicles requiring MB-Approval 235.1.

ZF Commercial Vehicle Transmission & Axle Specifications

for Neste Gear EP 80W-90:

ZF TE-ML 02 Manual and automatic transmissions for trucks and buses

ZF TE-ML 16 Transmissions for rail vehicles

ZF TE-ML 17 Transmissions and axles for lift-trucks

ZF TE-ML 19 Transfer and offset transmissions for commercial vehicles

Neste Markkinointi Oy

PL 95, 00095 NESTE OIL

www.neste.fi

Technical service

+358 200 11311

Updated 9.12.2008

Print

Close