



Castrol Manual EP 80W

Manual Transmission Fluid

Description

Castrol Manual EP 80W is a mineral based fluid suitable for use in applications where API GL-4 performance is required. Manual EP 80W is approved for use in MB transmissions used in light commercial vehicles and trucks and also approved for use in ZF manual transmissions.

Advantages

- Wide range of european OEM approvals.
- High thermal stability protects against deposit formation and oil thickening maintaining the life and performance of lubricant and transmission.
- Good antiwear and load carrying characteristics extend the life of components.

Typical Characteristics

| Name | Method | Units | Manual EP 80W |
|------------------------------|------------|--------------------|---------------|
| Density @ 15C, Relative | ASTM D1298 | g/ml | 0.883 |
| Viscosity, Kinematic 100C | ASTM D445 | mm ² /s | 9.9 |
| Pour Point | ASTM D97 | °C | -30 |
| Viscosity, Brookfield @ -26C | ASTM D2983 | mPa.s (cP) | < 150.000 |
| Viscosity, Kinematic 40C | ASTM D445 | mm ² /s | 94 |
| Viscosity Index | ASTM D2270 | None | 97 |
| Flash Point, COC | ASTM D92 | °C | 180 |

Product Performance Claims

API GL-4
MAN 341 Z1
MB-Approval 235.1
ZF TE-ML 02A, 17A

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10 Junction Avenue , Parktown , Johannesburg , 2193, South Africa
+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)
www.castrol.co.za