



BVX M 100 - 80W85

Mineral oil for manual transmissions

USES

BVX M 100 – 80W85 is formulated for lubrication of manual gearboxes, transfer cases, and lightly loaded drive axles of passenger cars and trucks, where the use of an extreme pressure moderate duty SAE 80W-85 oil with **API GL-4** and/or MIL.L.2105 is recommended.

Specifically designed for use with lightly loaded parts which are not used intensively, under normal conditions, all year round.

This oil may also be used in some industrial reduction gears where **ISO VG 100** oil is recommended.

Specifications:

**API GL-4; MIL-L-2105; AGMA 9005-E02; DIN 51517-3;
MAN 341 Typ Z-2; MB 235.5 / 235.1;
ZF TE-ML 02A / 02B / 04F / 06L / 08 / 17A**



MAIN PHYSICAL DATA

| | | Methods | Units | 80W85 |
|--------------------------------|-------|------------|--------------------|-------|
| Density at | 20°C | ASTM D4052 | kg/m ³ | 883 |
| Kinematic viscosity at | 40°C | ASTM D445 | mm ² /s | 112.7 |
| Kinematic viscosity at | 100°C | ASTM D445 | mm ² /s | 12.2 |
| Viscosity index | | ASTM D2270 | | 99 |
| Pour point | | ASTM D97 | °C | -30 |
| Cleveland Open Cup Flash Point | | ASTM D92 | °C | 220 |

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

- ▶ Good anti-wear, anti-foam and extreme-pressure properties.
- ▶ Non-aggressive towards non-ferrous metals.
- ▶ Good protection of the gear components.
- ▶ Very good stability and resistance to oxidation.
- ▶ Full compatibility with original materials and seals used in vintage cars.



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