



BVX 1000 – SAE 75W-90

100% synthetic P.A.O-based high performance oil
for manual transmissions

USES

For synchronized and unsynchronized transmissions and drive axles used under the most severe conditions. Suitable for passenger cars (including racing vehicles), lorries, construction and agricultural equipment.

Developed to ease gear shifting at low temperatures and ensure optimal protection at high temperatures. Helps to reduce fuel consumption.

Approvals: MAN 341 Typ Z2 & MAN 342 Typ S1 (drive axle oil change up to 500 000km/3 years); Daimler DTFR-Approval 12B140; SAE J2360; Volvo 97312; ZF TE-ML 02B/05A/12L/12N/16F/17B, 19C & 21A

Specifications: API GL-5, GL-4, MT-1; Mil-L-2105D/Mil-PRF-2105E; Arvin Meritor 076-N; Detroit Diesel DFS93K219.01; Ford M2C-200C; Mack GO-J; Man 342 typ M3 (< Typ S1); VW 501.50; MB 235.8 & MB 235.11; ZF-TE-ML07A/12B/16B; Scania STO 2:0A FS/STO 1:1G & Scania STO 1:0 confirmed by Scania; Fiat 9.55550-DA6/-DA7

MAIN PHYSICAL DATA

		Methods	Units	75W-90
Density at	20°C	ASTM D4052	kg/m ³	865
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	105
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	15.5
Viscosity index		ASTM D2270		156
Pour point		ASTM D97	°C	-54
Cleveland Open Cup Flash Point		ASTM D92	°C	202
Viscosity at	-40°C	ASTM D2983	mPa·s	64 200

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

PROPERTIES & ADVANTAGES

- ▶ 100% synthetic P.A.O-based formula maintains stable oil viscosity in service and provides excellent shear resistance.
- ▶ Outstanding anti-wear and extreme-pressure properties for enhanced protection of gear components under severe service conditions.
- ▶ Compatible with all materials and seals.
- ▶ Helps reduce fuel consumption, meaning less CO₂ and exhaust emissions.
- ▶ Excellent anti-foam properties and very good filterability for improved lubrication under any service conditions.
- ▶ Its high performance level and wide range of uses mean fewer types of oil are required for gearbox and axle maintenance involving a fleet of vehicles.
- ▶ Depending on the manufacturer's recommendations and service conditions, it allows for long oil change intervals for the transmissions and rear axles of lorries (up to 450 000 km/3 years).



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