



# BVX M 100 – 90

Mineral oil for manual transmissions

## USES

Lubrication of lightly-loaded manual gearboxes, transfer cases, reducers and drive axles in passenger cars, lorries, construction equipment and agricultural equipment where **API GL-4, SAE 90 grade** oil is recommended by the OEM.

BVX M 100-90 is also recommended for manual transmissions and drive axles in various vintage cars. For vehicles fitted with screw axles originally lubricated with castor oil, please contact our technical department.

This oil may also be used in some industrial reduction gears where ISO VG 220 oil is recommended.

## Specifications:

**API GL-4**

**MIL.L.2105**

**BVX M 100-90** exceeds the performance levels above.

## MAIN PHYSICAL DATA

		Methods	Units	SAE90
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	894
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	210
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	18.8
Viscosity index		ASTM D2270		100
Pour point		ASTM D97	°C	-15
Cleveland Open Cup Flash Point		ASTM D92	°C	240

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

## PROPERTIES & ADVANTAGES

- ▶ Good extreme-pressure and anti-wear properties.
- ▶ Good protection of the gear components.
- ▶ Ensures lubricated parts offer optimal performance.
- ▶ Excellent protection of gear teeth from metal-to-metal contact.
- ▶ Very good anti-rust and anti-corrosion properties.
- ▶ Full compatibility with original materials and seals used in vintage cars.



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