TURBOMASTER MBX

PETROMIN TURBOMASTER MBX is Ultra High Performance Diesel (UHPD) engine oil designed to meet the most severe performance requirements of the latest high output, low emission European diesel engines. It is formulated with semi-synthetic base oils and superior additive to provide the medium diesel engine performance levels.

BENEFITS

- Outstanding deposit control under high temperature conditions encountered in turbocharged engines.
- Effective detergent additive system minimizes piston crown land deposits.
- Proven organometallic anti-wear additive reduces wear in severe service by forming an interface layer on all metal contact surfaces.
- Extended drain periods due to high temperature stability which minimizes degradation, sludge formation and oil thickening.
- Fuel economy due to superior synthetic base stocks.
- Shear-stable Viscosity Index improver maintains oil viscosity in the high temperature ring belt area.
- Low volatility of synthetic fluids reduces oil evaporation.

SPECIFICATIONS & APPROVALS

Performance Level (Approved)

- MB 228.5

Performance Level (Meets

- ACEA E4-16
- MAN M3277/ M3377
- MTU Type 3

APPLICATIONS

- Naturally aspirated and turbocharged high speed, four-stroke diesel engines.
- All automative diesel engines.
- High speed diesel engines.
- Commercial road transport in light, medium and heavy-duty service.
- Off-highway vehicles
- All construction and earthmoving equipment.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	10W-40	-
Specific Gravity @ 15 ºC	-	0.870	ASTM D-4052
Viscosity @ 40 ºC	mm^2/s	99.5	ASTM D-445
Viscosity @ 100 ºC	mm^2/s	14.6	ASTM D-445
Viscosity Index	-	154	ASTM D-2270
Flash Point, COC	ºC	236	ASTM D-92
Base Number	mg KOH/g	12.4	ASTM D-2896
Sulphated Ash	% wt.	1.5	ASTM D-874
Color	-	4.5	ASTM D-1500
Pour Point	ºC	-30	ASTM D-97
Product Code	-	5990	-

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.