



PETROMIN TURBOMASTER XD is a premium diesel engine oil designed to meet the most advanced global OEM and engine performance standards. Its well-balanced chemistry delivers exceptional performance in severe operating conditions. It is a ideal solution for mixed fleet diesel and gasoline vehicles.

Benefits

- Extensively field-tested engine oil that demonstrates extended drain interval capability.
- Excellent oxidation stability reduces deposits and thereby improves reliability.
- Excellent TBN retention for moderate to low-sulfur diesel fuel operation.
- Provides effective control over high-temperature piston deposits, enhancing engine life.
- Provides protection across a wide range of operating temperatures.

Meets/Exceeds

- API CH-4/SL
- ACEA E7
- Cummins CES20078 / CES20077 / CES20076
- CAT ECF-2
- MAN 3275-1
- MACK EO-M Plus
- DDC 93K215
- JASO DH-1
- DEUTZ DQC III-18

Approvals

- API CI-4
- DTFR 15B110 (MB-Approval 228.3)
- Volvo VDS-3
- MACK EO-N
- Renault RLD-2
- MTU Type 2

Applications

- Modern heavy-duty diesel engines for both on- and off-highway applications including those from global OEMs such as Daimler, Cummins, Volvo, Caterpillar, Scania, MAN, Renault.
- Gasoline engines requiring API SL or lower performance engine oil.

Product Characteristics

Properties	Test Method	Unit	SAE 15W-40
Density at 15 °C	ASTM D4052	kg/L	0.877
Kinematic Viscosity at 40 °C	ASTM D445	cSt	116.1
Kinematic Viscosity at 100 °C	ASTM D445	cSt	15.2
Viscosity Index	ASTM D2270	-	136
Flash Point, COC	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-33
Total Base Number	ASTM D2896	mg KOH/g	10.3
<i>Product Code</i>			<i>560000</i>

* Information, test methods, figures are typical and conform to specification; minor variation may occur.

* Refer to the Owner's Manual for the manufacturer's recommended performance level, viscosity grade, and builder approval requirements.

* Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

