

## PRODUCT DATA SHEET

### TURBOMASTER XD

PETROMIN TURBOMASTER XD is premium quality automotive engine oil meeting the latest European and American standards using hydro treated premium grade Base Oil. The superior additive chemistry used in manufacturing Petromin Turbomaster XD is performance proven to provide the highest diesel engine performance levels.

#### BENEFITS

- Universal engine oil for old and new diesel engine fueled by both high and low Sulphur diesel.
- Proven field-tested engine oil with extended drain period capability.
- Excellent TBN retention for moderate Sulphur diesel fuel operation.
- Effective control over high temperature piston deposits and soot accumulation.

#### SPECIFICATIONS & APPROVALS

Petromin Turbomaster XD has the following Builder Approvals:

- API CI-4
- MB 228.5
- MAN M 3275-1
- VOLVO VDS-3
- MTU Type 2
- CUMMINS CES 20076/77/78

Petromin Turbomaster XD meets or exceeds the requirements of:

- ACEA E7/E4
- MACK EO-N/EO-M+
- JASO DH-1 (level)
- Renault RLD-2
- ALLISON C4
- GLOBAL DHD-1
- CAT ECF-1a
- DQC III-10
- DDC 93K215

#### APPLICATIONS

PETROMIN TURBOMASTER XD is suitable for use in modern heavy-duty diesel vehicles for both on and off-highway applications. It is suitable for use in CUMMINS, MTU, VOLVO, MAN, MERCEDES-BENZ, MACK and RENAULT manufacturers.



**PRODUCT DATA SHEET****PRODUCT CHARACTERISTICS\***

PROPERTIES	UNITS	VALUE	TEST METHOD
<b>SAE GRADE</b>	-	<b>15W-40</b>	-
Specific Gravity @ 15 °C	-	0.873	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	115.8	ASTM D-445
Viscosity @ 100 °C	mm <sup>2</sup> /s	15.4	ASTM D-445
Viscosity Index	-	141	ASTM D-2270
Flash Point, COC	°C	244	ASTM D-92
Base Number	mg KOH/g	10.3	ASTM D-2896
Sulphated Ash	%wt.	1.42	ASTM D-874
CCS Viscosity @ -20 °C	cP	5650	ASTM D-5293
Pour Point	°C	-40	ASTM D-97
<b>Color</b>	-	<b>L 3.0</b>	<b>ASTM D-1500</b>
<b>Product Code</b>	-	<b>5600</b>	-

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

