

**DESCRIPTION**

PETROMIN TURBOMASTER LD 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 fully synthetic base oils and superior additive to provide the highest diesel engine performance levels.

**APPLICATION**

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

**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 by forming an interface layer on all metal contact surfaces.
- Extended drain periods due to high temperature stability, minimizing 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.

**PERFORMANCE LEVEL**

API.....	CI-4
ACEA.....	E7/E4
Daimler Chrysler.....	MB 228.5
MAN.....	M 3277
VOLVO .....	VDS-3
MTU.....	Type 3
Renault Trucks.....	RXD/RLD-2
Scania.....	LDF-2

**PRODUCT CHARACTERISTICS\***

PROPERTIES	UNITS	VALUE	TEST METHOD
<b>SAE Grade</b>	-	<b>10W-40</b>	-
Specific Gravity @ 15 °C	-	0.866	ASTM D-4052
Viscosity	@ 40 °C	mm <sup>2</sup> /s	101.6
	@ 100 °C	mm <sup>2</sup> /s	14.72
Viscosity Index	-	150	ASTM D-2270
Flash Point, COC	°C	240	ASTM D-92
Pour Point	°C	-30	ASTM D-97
Base Number	mg KOH/g	12.7	ASTM D-2896
Sulphated Ash	% wt.	1.5	ASTM D-874
Color	-	4.5	ASTM D-1500
<b>Product Code</b>	-	<b>5530</b>	-

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