

## TURBOMASTER K

Petromin Turbomaster K is an EC (Emission Compatible) Diesel Engine Oil and specially developed to meet the requirement of API CK-4 performance level. It is designed to meet 2007 and later on-highway exhaust emissions standards. It is formulated with superior and fortified group of base oils with a finely balanced additive package that ensuring the robust performance required by modern diesel engines. It is compatible with exhaust after treatment systems using diesel particulate (DPFs), diesel oxidation catalyts (DOCs) and/or selective catalytic reduction (SCR). It is backward serviceable for use in pre-2007 diesel engines

### BENEFITS

- Helps extend oil drain intervals (ODI) in conjunction with OEM recommendations.
- Fully backward compatible with previous level CJ-4, CI-4 Plus, CI-4 and prior API classification.
- Provide excellent soot control and TBN retention as well as shear stability.
- Well suited for higher millage engines and for mixed fleets where older and newer vehicles can all use the same oil.
- Improved engine cleanliness and protection against deposit formation in pistons.
- Extends the life of critical wear surfaces, gaskets and seal materials.
- Low-ash formulation helps control fouling of exhaust after-treatment devices, extending useful life while lowering long-term operating costs.

### SPECIFICATIONS & APPROVALS

Petromin ECO PRO V meets or exceeds the requirements of:

- API CK-4/ SN
- ACEA E9 (2016)
- CAT ECF-3
- VOLVO VDS-4.5
- MAN M 3575
- CUMMINS CES 20086
- MB 228.31
- MTU Type 2.1
- DDC 93K218 & 93K222
- DQC III-10-LA

### APPLICATIONS

This oil is well suited for use in construction, mining and agricultural applications where ultra-low Sulfur diesel fuels are being run on equipment employing low emissions technology including EGR (Exhaust Gas Recirculation), SCR (Selective Catalytic Reduction) and DPF (Diesel Particulate Filtration).

It is designed for use when extended drain intervals are desired as well as where extreme operating conditions may exist. Formulated to handle today's heavy-duty turbocharged diesel engines as well as naturally aspirated models.



## PRODUCT DATA SHEET

### PRODUCT CHARACTERISTICS\*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	<b>15W-40</b>	-
Specific Gravity @ 15 °C	-	0.868	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	113.74	ASTM D-445
Viscosity @ 100 °C	mm <sup>2</sup> /s	15.19	ASTM D-445
Viscosity Index	-	140	ASTM D-2270
Flash Point, COC	°C	212	ASTM D-92
Base Number	mg KOH/g	10.0	ASTM D-2896
Sulphated Ash	%wt.	0.99	ASTM D-874
CCS Viscosity @ -20 °C	cP	5550	ASTM D-5293
Pumping Viscosity at -25 °C	cP	19900	ASTM D-4684
HTHS Viscosity @ 150 °C	cP	4.2	ASTM D-5481
Pour Point	°C	-36	ASTM D-97
Product Code	-	<b>4610</b>	-

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

