

# PETROMIN Turbomaster K 15W-40



PETROMIN Turbomaster K 15W-40 is a premium performance heavy-duty diesel engine oil that exceeds major global, American, and European engine performance requirements. It is specially designed for modern low-emission vehicles fitted with after-treatment devices (ATD). It also serves as an ideal mixed fleet engine oil for both diesel and gasoline engines requiring SAE 15W-40 viscosity grade and API CK-4, API SN, or lower performance standards.

## Benefits

- Ideal solution for mixed fleet applications, reducing the need to manage multiple engine oils.
- Effective oxidation control reduces the tendency for deposit formation, sludge, and lacquer.
- Provides excellent wear protection to engine components, enhancing engine durability and lifespan.
- Compatible with ATDs such as SCR, DPF, and GPF found in modern diesel and gasoline powertrains.
- Multiple OEM approvals make it the ideal single choice for both in- and out-of-warranty vehicles.

## Meets/Exceeds

- ACEA E7/E11
- Detroit Diesel DFS 93K222
- Deutz DQC III-18LA
- Ford WSS M2C171-F1
- Caterpillar ECF-3 (quality)

## Approvals (under progress)

- API CK-4
- API SN
- DTFR 15C100 (MB228.31)
- Volvo VDS-4.5 / Renault RLD-4 / Mack EOS-4.5
- MAN M3775
- Cummins CES20086
- MTU Category 2.1

## Applications

- Modern and legacy heavy-duty diesel vehicles for both on- and off-highway applications.
- Latest-generation and legacy gasoline engines requiring SAE 15W-40 or a similar viscosity grade.
- Suitable for regions using high- or low-sulfur diesel fuel.
- Recommended for stationary diesel power generation engines.

## Product Characteristics

Properties	Test Method	Unit	SAE 15W-40
Density @ 15 °C	ASTM D4052	kg/L	0.8711
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	116.6
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	15.5
Viscosity Index	ASTM D2270	-	141
Flash Point, COC	ASTM D92	°C	242
Pour Point	ASTM D97	°C	-33
Total Base Number	ASTM D2896	mg KOH/g	10.4
<i>Product Code</i>			<i>461000</i>

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

\* Refer 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.

Ver.1

