



PETROMIN Fleetmaster Plus CI-4 series is an advanced technology diesel engine oil, which meets American and European modern engine performance requirements. It serves as an ideal mixed fleet engine oil for engines requiring API CI-4 or API SL and older standards.

Benefits

- Proven and field-tested engine oil with extended drain interval capability.
- Excellent TBN retention improves engine life and reliability.
- Effective oxidation control reduces the tendency for deposit formation.
- Suitable for both new and older engines fueled by high- or low-sulfur diesel, or gasoline.

Meets/Exceeds

- API CI-4, API CH-4, API CF-4
- API SL
- DTFR 15B110 (MB 228.3)
- Cummins CES20077 / CES20076
- CAT ECF-1a
- MAN M 3275-1
- MACK EO-N / EO-M Plus
- MTU-Type 2
- DEUTZ DQC III-18

Applications

- Modern heavy-duty diesel vehicles for both on- and off-highway applications.
- Recommended for all global OEMs such as Daimler, Cummins, Caterpillar, MAN etc.
- Suitable for both old and new diesel engines using high- or low-sulfur diesel fuel.

Product Characteristics

Properties	Test Method	Unit	SAE 15W-40	SAE 20W-50
Density @ 15 °C	ASTM D4052	kg/L	0.8765	0.8817
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	116	183.5
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	15.0	20.3
Viscosity Index	ASTM D2270	-	134	129
Flash Point, COC	ASTM D92	°C	242	250
Pour Point	ASTM D97	°C	-33	-30
Total Base Number	ASTM D2896	mg KOH/g	10.5	10.3
<i>Product Code</i>			298000	270000

* 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.

