

CATER EXTRA

Turbocharged gasoline and diesel engine oil

DESCRIPTION:

CATER EXTRA is a high-quality engine oil for gasoline engines and turbocharged diesel engines with high performance, formulated from base oils with high viscosity index, viscosity index improvers to increase viscosity grade stability along with dispersants, detergents, anti-wear, anti-corrosion, anti-oxidation additives...

CATER EXTRA provides maximum engine protection in hard operating conditions, minimizing maintenance costs and extending oil change intervals, bringing high economic efficiency to customers. The oil meets SAE viscosity grade: 20W-50, meeting the requirements of API quality level: CI-4 for diesel engines and API level: SL for gasoline engines.

MAIN BENEFITS:

- Excellent cleaning properties, good engine protection.
- Excellent anti-wear properties under severe operating conditions.
- Outstanding protection against viscosity loss and oil degradation at high temperatures.
- Helps the engine start easily in all weather conditions.

APPLICATION:

CATER EXTRA is recommended for all turbocharged diesel engines operating under medium to severe load conditions such as tractors, trucks, passenger cars, ships... providing the best lubrication for high-speed turbocharged diesel engines operating under severe conditions, requiring low piston deposits.

CATER EXTRA meets the requirements of OEM engine manufacturers: Volvo VDS-3, Renault Truck RLD-2, Mack EO-N, Mack EO-M Plus, MAN M 3275, Cummins CES 20076, Cummins CES 20077, Cummins CES 20078, CAT ECF-1-a, CAT ECF-2, MTU Type 2, Deutz DQC III-10, Detroit Diesel DDC 93K215, Global DHD-1, MB-Approval 228.3.

CATER EXTRA meets international standards: ACEA E7 (2012), API CI-4/ CH-4/ CG-4/ CF-4/ CF for diesel engines, API SL for gasoline engines.

CHARACTERISTICS:

CHARACTERISTIC	METHOD	CATER EXTRA
1. Visual	-	Bright & Clear
2. Kinematic at 100°C, cSt	ASTM D445	18.5 ÷ 19.5
3. Viscosity index	ASTM D2270	Min 120
4. Flash point, °C	ASTM D92	Min 215
5. Pour point, °C	ASTM D97	Max -15
6. Total base number, mg KOH/g	ASTM D2896	Min 8.0

The above are typical figures generally accepted in production but are not fixed.

PACKAGES: 209L drum, 18L & 25L pail, 18L bucket.

STORAGE:

- Store in covered warehouses to prevent water intrusion and preserve labeling.
- Do not store in temperatures above 60°C or in direct sunlight or extreme cold.

HANDLING, HEALTH, AND SAFETY:

- This product is without significant risks to health and safety; however, it needs handling and uses carefully with good hygiene standards and avoids prolonged contact with skin.
- Avoid frequent contact with the eyes.
- Keep off the spark and flammable substances.
- PLC or its subsidiaries will not accept liability if the product is used other than in the manner, with precautions, or for the purpose specified.

For more details information, kindly contact PLC heads office.