



CRUZE PROFESSIONAL 10W40
 ECO FORMULA WITH SYNTHETIC TECHNOLOGY

Product Definition

The high performance four seasons engine oil produced for diesel and gasoline vehicles. It is blended with the qualified base oils and special additives with synthetic technology.

Application/Usage

Used for naturally aspirated or medium-speed, turbo and supercharged engines and heavy duty motors such as trucks, buses, heavy duty machines, agricultural machinery, etc. and commercial vehicles. It is suitable for use in gasoline and diesel engines of light/medium heavy vehicles that makes long distance transport.

Advantages/Benefits

- High wear protection even under prolonged stress with full engine load.
- Protects against glazing on cylinder races.
- Protects against corrosion even when high Sulfur content diesel fuels are used.
- Reliable protection against deposits, sludge and varnish during extremely high thermal stress and stop-start driving
- Rapid oil circulation after start-up; which reduces cold-start and warm-up wear.

Specifications/Approvals

API CI-4, SL, ACEA E7-04, A3/B4-08 Approvals and Specifications VOLVO VDS-2 Renault RD-2, MACK EO-M+, Cummins CES 20077 Caterpillar ECF-1a, Deutz DCQ-II, MTU 2.0 MB Approval 228.3, MAN 3275

Product Package

200 Lt - 20Lt .

Storage

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40) °C.

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

| TECHNICAL PROPERTIES | UNIT | TEST VALUES | TEST METHOD |
|----------------------|--------------------|-------------|--------------|
| SAE Grade | | 10W -40 | DIN 51 511 |
| Density 15°C | | 865 | ASTM D-1298 |
| Viscosity 40°C | mm ² /s | 88.5 | ASTM D-445 |
| Viscosity 100°C | mm ² /s | 14.50 | ASTM D-445 |
| Viscosity Index | | 165 | ASTM D-2270 |
| Flash Point | °C | 240 | ASTM D-92 |
| Pour Point | °C | -21 | ASTM D-97 |
| Base Number | mgKOH/g | 10 | ASTM D-2896B |

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."