

CEPSA EUROTECH LS 5W30 FE



Description



New generation synthetic lubricant with very high performance for heavy diesel and commercial vehicles, specially developed to meet the requirements of the Euro VI emissions regulation. Its "Low SAPS" type additives make it entirely compatible with the gas post-treatment systems of Euro VI and earlier engines, allowing long intervals between changes even under severe operating conditions.

Applications

- This is an ideal oil for use in mixed long-distance truck and bus fleets with multi-brand Euro VI and earlier engines, as well as for gas engines operating with CNG in urban bus fleets.
- Especially designed for gas post-treatment systems such as Diesel Particulate Filters (DPF), Continuously Regenerating Traps (CRT), Selective Catalytic Reduction by EcoBlue® injection (SCR), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR) that require low ash oils, optimizing their lifetime and saving maintenance costs.
- Since it meets the E6/E9/E4/E7 ACEA 2012 and the API CJ-4 requirements, it is a GLOBAL lubricant, designed for the most modern European and American engines and meeting both "Full SAPS" and "Low SAPS" specifications.

Product performance

- Due to the technology used and its low viscosity, it allows important savings in fuel compared to an SAE 10W40 oil (~1%), thus contributing towards the reduction of CO₂ emissions.
- It provides extraordinary results in the most severe engine cleaning tests (Daimler OM501LA), thus considerably reducing the formation of deposits and sludges, which allows long intervals between oil changes and also ensures a longer useful life for the engine.
- Its high viscosity index and its excellent behavior in cold conditions allows for easy ignition in severe conditions at low temperatures and for a sufficient film of oil to be maintained in hot climates, protecting the engine from excessive wear at the most crucial times during use.

Quality Levels

- | | | | |
|-----------------------|-------------------|-------------------------------|----------------------|
| • ACEA E6/E9/E4/E7-12 | • API CJ-4 | • MAN M 3677/3477/3575/3271-1 | • MB-Approval 228.51 |
| • VOLVO VDS-4/CNG | • RENAULT RLD-3/2 | • MACK EO-O Premium Plus | • SCANIA LDF-4 |
| • DEUTZ DQC IV-10 LA | • MTU Type 3.1 | • Detroit Diesel DDC93K218 | • CUMMINS CES20081 |
| • DAF Extended Drain | • IVECO | • CATERPILLAR ECF-3 | |

Typical Characteristics

| CHARACTERISTIC | UNITS | METHOD | CEPSA EUROTECH LS 5W30 FE |
|-------------------------|----------|-------------|---------------------------|
| SAE Grade | - | - | 5W30 |
| Density at 15°C | g/ml | ASTM D 4052 | 0.861 |
| Viscosity at 100°C | cSt | ASTM D 445 | 12.2 |
| Viscosity at 40°C | cSt | ASTM D 445 | 72 |
| Viscosity Index | - | ASTM D 2270 | 163 |
| CCS Viscosity at -30°C | cP | ASTM D 5293 | 6392 |
| Pour point | °C | ASTM D 97 | -42 |
| Fire point V/A | °C | ASTM D 92 | 240 |
| Total Base Number (TBN) | mg KOH/g | ASTM D 2896 | 13 |
| Sulfated Ash | % (m/m) | ASTM D 874 | <1.0 |

Health & Safety and Environment

The corresponding Materials Safety Data Sheet, in accordance with existing legislation, is hereby provided. This sets forth details of potential hazards, precautions in its handling, first aid measures, and the available environmental data.

The typical values of the specifications appearing in the table are average values given for guidance purposes and do not constitute a warranty. These values may be modified without prior warning.