

# CEPSA EUROMAX SYNT 10W40

## Description



Lubricant oil formulated with top-performing synthetic base oils of a GLOBAL nature, complying with ACEA E7 and API CI-4 specifications. Especially recommended for all low-emission heavy vehicles - European or American - using the latest technology, in compliance with EURO V, EURO IV and earlier standards for engines not fitted with DPFs.

### Applications

- Especially recommended for mixed fleets with vehicles of various makes and ages. Its GLOBAL nature enables savings in logistics and maintenance costs.
- Meets the specifications of makers such as MAN, MERCEDES, VOLVO, MACK and RENAULT, improving on the results of mineral oils. This means that it can be used in any type of TIR fleet, even in fleets with Public Works machinery that need API CI-4 oil.
- Especially recommended for vehicles that comply with all the latest Euro V and Euro IV emissions standards, using SCR systems with EcoBlue® or EGR and EPA 2007.

### Product performance

- Thanks to its excellent performance and stability across a broad range of temperatures, it provides greater protection for all the different parts of the engine, while starting — which is a critical time in terms of wear — as well as during engine operation, increasing the service life of the engine.
- Its high detergent/dispersant additivation avoids the formation of deposits, sludge and particle concentrations, which are greatly detrimental to the operation of the oil pump and the correct lubrication of the engine.
- The results for sludge formation and wear obtained in Daimler's modern OM 646 LA engine test, which introduces the use of Biodiesel (B5) in the tests, guarantee excellent performance, even in the presence of biodiesel.

## Specifications

- ACEA E7-12
- VOLVO VDS-3
- API CI-4
- MACK EO-N
- MB-Approval 228.3
- RENAULT VI RLD-2
- MAN M 3275-1
- CUMMINS CES20077
- MTU Type 2
- CAT ECF-1-a

## Typical Characteristics

| CHARACTERISTIC         | UNITS    | METHOD           | CEPSA EUROMAX SYNT 10W40 |
|------------------------|----------|------------------|--------------------------|
| SAE grade              | -        | -                | <b>10W40</b>             |
| Density at 15°C        | g/ml     | ASTM D 4052      | 0.873                    |
| Viscosity at 100°C     | cSt      | ASTM D 445       | 14.05                    |
| Viscosity at 40°C      | cSt      | ASTM D 445       | 95.2                     |
| Viscosity index        | -        | ASTM D 2270      | 151                      |
| CCS viscosity at -25°C | cP       | ASTM D 5293      | 5713                     |
| Pour point             | °C       | ASTM D 5950 / 97 | -33                      |
| Flash point, COC       | °C       | ASTM D 92        | >210                     |
| Base number, TBN       | mg KOH/g | ASTM D 2896      | 11.8                     |
| Sulfated ash           | % (m/m)  | ASTM D 874       | 1.31                     |

## Health & Safety and Environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical characteristic values shown in the table are average values provided for illustrative purposes only and do not constitute a guarantee. These values are subject to modification without prior warning.