



SYNMAR HERO 5W-30 FE | S200004 V24-0810

Description

The Synmar Hero 5W-30 FE is a fully synthetic UHPD (Ultra High Performance Diesel) motor oil with a long drain interval, especially designed for industrial vehicles and based on 'LOW SAPS' technology. This entails that sulphur, phosphorus and sulphated ash concentrations are reduced radically to protect the exhaust gas after treatment systems. The Synmar Hero 5W-30 FE has great fuel economy properties and special additives to keep engine and oil clean.

Application

The Synmar Hero 5W-30 FE is suitable for most modern trucks due to its wide performance spectrum. Also suitable for engines without a particulate filter and beside of the fuel economy properties also designed for extended oil change intervals (all depending on filtration and operating conditions and the manufacturer's instructions). The Synmar Hero 5W-30 FE is the perfect choice for gas reduction on Euro-IV, Euro-V and Euro-VI engines. In addition, the Synmar Hero 5W-30 FE can also be used in older trucks with EURO-III engines, where ACEA E4 is prescribed.

Performance Level

| | |
|---------------------------------------|----------------------|
| API CJ-4/CK-4 | CAT ECF-3 |
| ACEA E4/E6/E7/E9 | CES 20086/20081 |
| Scania LDF-4 | MTU type 3.1/2.1 |
| Volvo VDS-4.5/VDS-4 | Mack EOS-4.5/EO-O PP |
| Renault VI RLD-4/RLD-3/RLD-2 | JASO DH-2 |
| MB 228.52/228.51/228.31 | |
| MAN M 3777/3775/3691/3677/3477/3271-1 | |
| Deutz DQC TTCD, DQC IV-18 LA/10-LA | |
| DDC PGOS 93K218/93K222 | |

Typicals

| | |
|--------------------------------------|-------|
| Color | Amber |
| Density at 20°C, kg/l | 0,85 |
| Viscosity, dynamic (CCS) | 6145 |
| Viscosity 40 °C, mm ² /s | 74,7 |
| Viscosity 100 °C, mm ² /s | 12,2 |
| Viscosity Index | 165 |
| Flash Point COC, °C | 228 |
| Pour Point, °C | -39 |
| Total Base Number, mgKOH/g | 13 |
| Sulphate Ash, % | 1 |

The analytical data in this product data sheet are typical values. Small deviations, which may occur during the normal manufacturing process of the product, will not affect the quality of the product. Although this overview is composed with the most possible care, Synmar does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors.