



## SYNMAR HERO 5W-30 FE | S200004 V13022023

### 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, mm²/s	74,7
Viscosity 100 °C, mm²/s	12,2
Viscosity Index	165
Flash Point COC, °C	228
Pour Point, °C	-39
Total Base Number, mgKOH/g	13
Sulphate Ash, %	1