



## SYNMAR MANTO 10W-40 | S200100

V170622

### Description

The Synmar Manto 10W40 is a synthetic multigrade motor oil based on high quality base oils to which balanced additive components have been added in order to assure a high and stable viscosity index and a very high resistance to wear, corrosion and foaming.

### Application

The Synmar Manto 10W-40 is applicable to gasoline and diesel engines (normally- or turbo-aspirated) even under the toughest operation conditions and all the year round. This engine oil has a special additive system and may therefore be used, when fuels with relatively high sulphur contents are involved. This special quality engine oil is mainly developed to allow extended oil drain intervals and to prevent "bore polishing" (=cylinder-wear) in diesel engines. This product is suitable for application in Euro 4 and Euro 5 engines.

### Performance level

ACEA A3/B4  
 ACEA E7  
 Allison C-4  
 API SL/CI-4  
 Caterpillar ECF-1-A  
 Caterpillar ECF-2  
 CES 20077/ CES 20078  
 Detroit Diesel DDC 93K215  
 Deutz DQC III-10  
 Global DHD-1  
 JASO DH-1  
 Mack EO-N  
 MAN M 3271  
 MAN M 3275  
 MB 228.3  
 MB 229.1  
 MB 235.27  
 MTU type 2  
 Renault RLD  
 Renault RLD-2  
 Voith Class A  
 Volvo VDS-3

### Typicals

Density at 15 °C, kg/l	0,865
Viscosity -25 °C, mPa.s	5800
Viscosity 40 °C, mm <sup>2</sup> /s	85,81
Viscosity 100 °C, mm <sup>2</sup> /s	13,80
Viscosity Index	156
Flash Point COC, °C	222
Pour Point, °C	- 39

Total Base Number, mgKOH/g	11,1
Sulphate Ash, %	1,43