



# THETIS series

## 5W-30 FD-13

### Synthetic economy passenger car motor oil

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Modern engine development aims to improve engine efficiency and thereby reduce fuel consumption and exhaust gas emissions: these targets can only be reached through the use of specific lubricants which are ideally adapted to those type of engines.

This engine oil, based on state-of-the-art synthesis technology, is suited for use in gasoline and diesel engines in cars and light commercial vehicles of the latest generation.

It is a low viscosity lubricant with reduced HTHS values and pronounced fuel-saving properties which fulfils the strict requirements of the FORD WSS M2C-913-C and 913-D specifications.

#### Properties and features

- Ideally suited to reduce the fuel consumption and emissions of modern drive units.
- Uncompromising wear protection under all operating conditions.
- Reduced high-temperature-high-shear viscosity (HTHS) and low friction values.
- Highest temperature stability and excellent cold flow properties.
- Very good motor cleanliness thanks to the excellent detergent and dispersant capacity.
- Specifically conceived to neutralise the sulphur compounds and residues due to the use of diesel and biofuels.

#### Use

Energy-saving engine oil, specifically developed for use in the latest gasoline and diesel engines produced by Ford, where FORD M2C-913-D, M2C-913-C and earlier specifications are required.

This engine oil is also suited for the use in gasoline and diesel engines where ACEA A5/B5 specification is prescribed.

This is a low viscosity engine oil and, hence, cannot be used in all engines.

Use and extended oil change intervals according to manufacturer's instructions



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### Specifications / Performance level

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ACEA A5/B5	FORD WSS-M2C913-D
ACEA A1/B1-2012	FORD WSS-M2C913-C, 913-B, 913-A
	FORD WSS-M2C912-A
	Jaguar/Land Rover STJLR.03.5003
	RENAULT RN 0700

Technical data	Unit	Method
Density at 15°C	0,854 g/cm <sup>3</sup>	ASTM D 1298
Viscosity at 40 °C	55 mm <sup>2</sup> /s	ASTM D 445
Viscosity at 100 °C	9,7 mm <sup>2</sup> /s	ASTM D 445
Viscosity index	164	ASTM D 2270
Viscosity at - 30°C (CCS)	4500 cP	ASTM D 5293
HTHS Viscosity at 150°C	3,05 mPa s	CEC-L-36-A-97
TBN	11,2 mgKOH/g	ASTM D 2896
Sulphated ash	1,22 % mass	ASTM D 874
Flash point C.O.C.	228 °C	ASTM D 92
Pour point	-39 °C	ASTM D 97
NOACK evaporation loss	11,5 % mass	CEC-L-40-A-93

### Health, safety and environment

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ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08