



## MANNOL Energy Formula FR 5W-30 7707

Innovative energy-saving ester-containing fully synthetic premium engine oil specially developed for modern diesel engines and a number of petrol engines in FORD and VOLVO vehicles, considering the requirements for heavy-duty operation and extended engine oil change intervals. The oil can be used in petrol and diesel engines of European and Asian car manufacturers requiring API SN and ACEA A5/B5 oils.

Product properties:

- Ester components provide excellent anti-wear and anti-friction properties due to the exceptional durability of the oil film, which, combined with excellent pumpability, significantly increases engine life even in “start-stop” mode;
- Significantly saves fuel due to the reduced high-temperature viscosity (HTHS) and excellent anti-friction properties;
- Effectively protects the timing belt from wear, offers an increased total base number (TBN) and excellent compatibility with sealing materials, following additional requirements of FORD;
- Provides easy, low-temperature engine starting due to its excellent pumpability and particularly turnability, which significantly reduces engine starting wear;
- Effectively protects the timing belt from wear, offers an increased total base number (TBN) and excellent compatibility with sealing materials, following additional requirements of FORD;
- A synthetic base guarantees low volatility and reduced operating consumption;
- Excellent washing and dispersing properties, together with the highest thermal-oxidative stability, effectively prevent all types of deposits and keep engine separate parts clean throughout the oil change interval;
- Due to its high thermal-oxidative stability, it resists ageing effectively, thus extending the oil change interval;
- Suits bio diesel engines.

Designed for diesel engines of passenger vehicles by FORD, VOLVO and GM, where SAE 5W-30 oil is recommended, which complies with the ACEA A5/B5 standard and meets FORD WSS-M2C913-D specification, as well as for petrol and diesel engines of these brands where previous specifications 913-C, 913-B and 913-A oils are recommended.

The oil is not suitable for use in heavy trucks and similar vehicles!

**Specifications**

SAE 5W-30

**Approval****Recommendation**

API SN

ACEA A5/B5

FORD WSS-M2C913-D

FORD WSS-M2C913-C

FORD WSS-M2C913-B

FORD WSS-M2C913-A

VOLVO VCC 95200377 (Service Fill)

MB 229.6

FIAT 9.55535-G1

JAGUAR STJLR.03.5003

LAND ROVER STJLR.03.5003

**PACKAGING**

|       |            |             |            |
|-------|------------|-------------|------------|
| 5L    | MN7707-5   | Plastic     |            |
| 1000L | MN7707-IBC | Pallet tank |            |
| 208L  | MN7707-DR  | Drum        |            |
| 60L   | MN7707-60  | Drum        |            |
| 20L   | MN7707-20  | Plastic     |            |
| 10L   | MN7707-10  | Plastic     |            |
| 7L    | MN7707-7   |             |            |
| 5L    | MN7707-5ME | Plastic     |            |
| 1L    | MN7707-1   | Plastic     | 20 pcs/box |