

## MARATHON EUR 6 5W-30

**Fully Synthetic ultra high performance fuel economy engine lubricant for use in many Euro 6 engines equipped with exhaust gas post treatment devices**

### SPECIFICATIONS

Specifications :

- ACEA E11, E9, E8, E7, E6, E4
- API CK-4/CJ-4
- JASO DH-1/DH-2/DL-0

Approvals :

- MAN M 3677

Recommandations :

- CAT ECF-3
- CUMMINS CES 20081 / 20086
- DETROIT DIESEL 93K218 / 93K222
- DEUTZ DQC IV-18 LA
- IVECO 18-1804 CLASSE TLS E6
- LH-00-ENG LA
- MACK EOS-4.5
- MAN M 3271-1 / 3477 / 3575 / 3775 / 3777
- MB 228.31 / 228.51 / 228.52
- MTU DDC TYPE 2.1 / 3.1
- RENAULT RLD-3 / RLD-4
- SCANIA LA / LDF-4
- VOLVO VDS-4.5

### BENEFITS

- Significant decrease of the fuel consumption up to 3% calculated during road tests.
- Low oil consumption despite the low viscosity.
- Optimal protection of the post-treatment devices and of the turbo compressors.
- Excellent anti-wear protection even under heavy load
- Excellent anti-corrosion properties. Maintains the pistons very clean.
- Possibility to rationalize the range for a mixed fleet.
- Compatible backwards with MB 228.5 / MB 228.31 and MAN M 3477.
- Can be used on the Euro 6 engines of many manufacturers : Deutz, DAF, Iveco, MAN, Mercedes-Benz, Renault Trucks & Volvo.

### DESCRIPTION

**MARATHON EUR 6 5W-30** is a ultra high performance engine lubricant using the latest generation additive technology, specially developed for the latest generation diesel truck engines.

**MARATHON EUR 6 5W-30** contains a low level of ashes, ensuring a high protection of the modern exhaust gaz post-treatment devices (Particle Filters, exhaust gaz recycling and catalytic converters), enabling them to work properly during all the lifetime of the vehicle.

**MARATHON EUR 6 5W-30** is the ideal product for the range rationalization of the latest Euro 6 engines, also compatible with Euro 4 & Euro 5 engines. It enables oil drain frequency and maintenance costs optimization.

### TECHNICAL CHARACTERISTICS

AVERAGE CHARACTERISTICS	UNIT	AVERAGE VALUE	METHODS
SAE Grade		<b>5W-30</b>	
Density at 20°C	kg/m <sup>3</sup>	856	DIN 51757
Viscosity at 40°C	mm <sup>2</sup> /s	70.8	DIN 51562-1
Viscosity at 100°C	mm <sup>2</sup> /s	12.1	DIN 51562-1
Viscosity index		170	DIN ISO 2909
Flash Point	°C	218	DIN ISO 2592
Pour Point	°C	- 36	DIN ISO 3016



Les renseignements contenus dans cette notice sont donnés à titre indicatif. Nous nous réservons le droit d'apporter, sans préavis, toutes modifications à la formulation de nos produits dans le but d'en améliorer les performances ou de les mettre en conformité avec toute nouvelle et éventuelle réglementation les concernant.