

PRODUCT DATA SHEET



TIPP-OIL FS Heavy Duty 5W-40

TIPP OIL Manufacturer GmbH Co. KG

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Company registration number: HRA4299
VAT number: DE313987910

Revised on: 28.11.2023 | Number of the version: 02 | Replaces version: 01

Description of the

TIPP OIL FS Heavy Duty 5W-40 is a high-alloy motor oil with synthetic base oils and selected additives. This engine oil is ideally suited for commercial vehicles. It guarantees a reliable cold start at extremely low temperatures, especially with regard to cold viscosity. Anti-wear properties and reduction of friction losses. Extended oil change intervals in accordance with the manufacturer's instructions.

Application notes

TIPP OIL FS Heavy Duty 5W-40 is used in lorry diesel engines with and without turbocharging. The operating instructions of the vehicle and engine manufacturers must be observed.

Quality classification specifications:

- API CJ-4
- API SM
- ACEA E7/E9

Recommendation:

- Caterpillar ECF-2/ECF-3
- Chrysler MS-10902
- Cummins CES 20081
- DDC 93K218, DDC 93K215, DDC 93K214
- Deutz DQC II-10 LA
- Mack EO-O Premium Plus
- Ford WSS-M2C 171-F1
- MAN M 3575, MAN M 3275
- MB 228.31
- MTU Type 1, MTU Type 2
- Renault VI RLD-3
- VOLVO VDS-4

Properties:

- Very good wear protection
- Reduced tendency to vaporise
- Good cold start properties
- Reduced fuel consumption
- Excellent temperature and viscosity behaviour
- Best suitability for difficult operating conditions
- Impressive detergent and dispersing properties
- High oxidation stability

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Technical characteristics:

Eigenschaften	Daten	Einheit	Prüfung nach:
kinematic viscosity at 40°C	90,3	MM ² /S	DIN ISO 51562-2
kinematic viscosity at 100°C	14,5	MM ² /S	DIN ISO 51562-2
viscosity index	166		DIN ISO 2909
appearance	Yellowbrown		
visuell density at 15°C	852	KG/M ³	DIN EN ISO 12185
Pour Point	-45	CELSIUS	ASTM D 7346

All data given are approximate values and are subject to the usual production fluctuations. To the best of our knowledge, all information corresponds to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of problems, please request technical advice.

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