

Product Data Sheet

Tomoil™ Engine Oil 5W-30 E4/E7

Engine oil

Product description

Tomoil™ Engine Oil 5W-30 E4/E7 represents an advanced lubricant engineered for diesel engines in light and heavy commercial vehicles, with or without turbochargers. It complies with the standards of Euro-II, Euro-III, Euro-IV, and Euro-V emissions, and is designed for compatibility with engines featuring EGR and/or SCR exhaust after-treatment systems, while not recommended for diesel engines equipped with a Diesel Particle Filter (DPF).

Application

- Modern heavy-duty engines equipped with EGR and SCR NOx reduction systems (not suitable for Diesel Particulate Filters)
- Conventional high performance naturally aspirated or turbocharged commercial vehicles
- On-Highway Short-Haul and Long-Haul Trucks and Buses
- Off-Highway Mining, Construction and Agricultural Equipment

Features & Benefits

- Effective deposit prevention
- Improved low-temperature pumpability
- Strong dispersion properties
- Superior wear and corrosion protection
- Stable viscosity index
- Extended oil change intervals
- Reduced fuel consumption

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	11.00
Kinematic Viscosity at 40°C	cst	ASTM D 445	63.60
Viscosity Index	-	ASTM D 2270	167
Flash Point, COC	°C	ASTM D 92	220
Pour Point	°C	ASTM D 97	-39
TBN	mg KOH/g	ASTM D 2896	12.5
Sulphated Ash Content	%	ASTM D 874	1.25
Density at 15°C	g/ml	ASTM D 4052	0.842
CCS at -30°C	cP	ASTM D5293	5200

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- ACEA E4/E7
- MB 228.5
- MAN M3277/3377
- Volvo VDS-3
- Renault Trucks RLD-2
- Mack EO-N
- Deutz DQC IV-18

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

• Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 60 L Drum sheet metal |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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