

Product Data Sheet

Tomoil™ Engine Oil SAE 10W CF-4/SG

Engine oil

Product description

Tomoil™ Engine Oil SAE 10W CF-4/SG represents an exceptional monograde mineral engine oil meticulously designed for robust performance in diesel engines handling heavy loads. It serves engines, whether equipped with a turbocharger or not, and demonstrates outstanding performance, particularly in challenging and demanding operating conditions.

Application

Tomoil™ Engine Oil SAE 10W CF-4/SG is suitable for use in naturally aspirated and supercharged diesel engines operating under mild duty service conditions.

Features & Benefits

- Provides excellent oxidation stability and effective deposit control, ensuring consistent engine cleanliness and reliability.
- Engineered to minimize wear and extend maintenance intervals.
- Formulated to reduce oil consumption, thus managing costs effectively.
- Its superior detergency effectively manages piston ring deposits and controls sludge buildup.

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.884
Kinematic Viscosity at 100°C	cst	ASTM D 445	6.500
Kinematic Viscosity at 40°C	cst	ASTM D 445	41.75
Viscosity Index	-	ASTM D 2270	107
TBN	mg KOH/g	ASTM D 2896	7.9
Sulphated Ash Content	%	ASTM D 874	1.14
Flash Point (COC)	°C	ASTM D92	220
Pour Point	°C	ASTM D97	-30

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

Performance claims

- API CF-4/SG

ALCO LLC recommends this product for vehicles with the following specifications:

- ACEA E2
- Allison C4
- Caterpillar TO-2
- MAN 270
- MB-227.0/228.0
- MTU Type 1
- MIL L-2104 E
- MIL L-46152 E
- ZF - TE-ML 03B
- ZF - TE-ML 05K

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

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.