

Product Data Sheet

Tomoil™ Engine Oil SAE 30 CF-4/SG

Engine oil

Product description

Tomoil™ Engine Oil SAE 30 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 30 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
Kinematic Viscosity at 100°C	cst	ASTM D 445	11.20
Kinematic Viscosity at 40°C	cst	ASTM D 445	102.1
Viscosity Index	-	ASTM D 2270	98
Flash Point, COC	°C	ASTM D 92	238
Pour Point	°C	ASTM D 97	-24
TBN	mg KOH/g	ASTM D 2896	7.9
Sulphated Ash Content	%	ASTM D 874	1.14
Density at 15°C	g/ml	ASTM D 4052	0.895

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 03A
- ZF - TE-ML 04A
- ZF - TE-ML 04B
- ZF - TE-ML 07D

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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