

# Product Data Sheet

## Tomoil™ Engine Oil SAE 50 CF-4/SG

Engine oil

### Product description

Tomoil™ Engine Oil SAE 50 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 50 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  | 19.50         |
| Kinematic Viscosity at 40°C  | cst      | ASTM D 445  | 235.1         |
| Viscosity Index              | -        | ASTM D 2270 | 95            |
| Flash Point, COC             | °C       | ASTM D 92   | 254           |
| Pour Point                   | °C       | ASTM D 97   | -21           |
| 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 | 0.896         |

Typical property characteristics are based on current production. Whilst future production will conform to Tomoil<sup>TM</sup> specifications, variations in these characteristics may occur.

## Performance claims

- API CF-4/SG

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

- MB-227.0
- MIL L-2104 E
- MIL L-46152 E

## 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](http://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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