

# Product Data Sheet

## Tomoil™ Engine Oil 15W-40 CJ-4/SN

Engine oil

### Product description

Tomoil™ Engine Oil 15W-40 CJ-4/SN represents a top-tier low-SAPS diesel engine lubricant intricately crafted to fulfill the needs of both on-road and off-road applications. Its extraordinary formulation, composed of a carefully curated range of elements, guarantees superior wear protection, advanced soot handling, and unmatched oil durability, particularly in engines enduring extreme conditions.

### Application

Tomoil™ Engine Oil 15W-40 CJ-4/SN is recommended for use in the latest turbocharged or supercharged high-performance diesel engines operating under severe conditions. Well-suited for extended drain intervals, it proves ideal for both on-road and off-road applications.

### Features & Benefits

- Ensures superior performance and extends engine life.
- Reduces emissions and extends the lifespan of emissions control systems
- Provides exceptional wear protection
- Effectively manages soot produced during combustion
- Ensures reliable oil stability, even under severe operating conditions
- Optimizes lubrication properties
- Enables extended drain intervals

### Typical Properties

| Property                     | Unit     | Test method | Typical value |
|------------------------------|----------|-------------|---------------|
| Kinematic Viscosity at 100°C | cst      | ASTM D 445  | 15.00         |
| Kinematic Viscosity at 40°C  | cst      | ASTM D 445  | 99.90         |
| Viscosity Index              | -        | ASTM D 2270 | 158           |
| Flash Point, COC             | °C       | ASTM D 92   | 234           |
| Pour Point                   | °C       | ASTM D 97   | -30           |
| TBN                          | mg KOH/g | ASTM D 2896 | 7.3           |
| Sulphated Ash Content        | %        | ASTM D 874  | 0.96          |
| Density at 15°C              | g/ml     | ASTM D 4052 | 0.862         |
| CCS at -20°C                 | cP       | ASTM D 5293 | 6100          |

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 CJ-4/SN
- ACEA E-9
- MB-228.31
- Cummins CES 20081
- CAT ECF-3
- Volvo VDS-4
- Mack EO-O PP
- Renault RLD-3
- DDC 93K218
- MAN 3575
- MTU Type-2.1
- Deutz DQC III-18 LA

## 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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