Product Data Sheet

**Tomoil™ SAE 30 CF-4/SL**

Engine oil

**Product description**

Tomoil™ SAE 30 CF-4/SL, crafted using German engineering techniques, this elite monograde mineral engine oil delivers stellar performance for diesel engines under substantial loads, regardless of whether they're turbocharged or not. This oil ensures peak performance even in the most challenging environments.

**Application**

**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/cm3 | ASTM D4052 |  |
| Kinematic Viscosity at 40°C | mm2/s | ASTM D445 |  |
| Kinematic Viscosity at 100°C | mm2/s | ASTM D445 |  |
| Viscosity Index | - | ASTM D2270 |  |
| TBN (HclO4) | mg KOH /g | ASTM D2896 |  |
| Sulfated Ash | % | ASTM D874 |  |
| Flash Point (COC) | °C | ASTM D92 |  |
| Pour Point | °C | ASTM D97 |  |

Typical property characteristics are based on current production. Whilst future production will conform to Tomoil™ 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-228.0  
• MTU Type 1  
• MIL L-2104 L  
• MIL L-46152 L  
• 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](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
* 4 L Canister plastic
* 5 L Canister plastic
* 7 L Canister plastic
* 20 L Canister plastic
* 30 L Canister plastic
* 200 L Drum sheet metal
* 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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