Product Data Sheet

**Eurotec™ 10W-40 CK-4/SN**

Engine oil

**Product description**

Eurotec™ 10W-40 CK-4/SN, stemming from German engineering expertise, is a sophisticated low-resistance heavy-duty diesel engine lubricant meticulously crafted to enhance engine durability and extend drain intervals. Specifically developed for diesel engines in commercial vehicles compliant with Euro IV, V, and VI emission standards, as well as those equipped with exhaust treatment systems and soot particle filtration (DPF/CRT), it is also compatible with gas-powered vehicles, including CNG and LPG.

**Application**

**Features & Benefits**

• Effective control of soot-related oil thickening  
• High TBN retention for longer drain intervals  
• Resistant to oil consumption, oxidation, corrosion, and wear  
• Exceptional aeration control  
• Strong shear stability  
• Improved oxidation stability

**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 CK-4/SN  
• ACEA E6, E7, E9  
• MAN M3775  
• Deutz DQC IV-18 LA  
• Volvo VDS - 4.5  
• Mack EOS - 4.5  
• Renault Trucks RLD-3

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

• Caterpillar ECF-1-a  
• Caterpillar ECF-3  
• Cummins CES 20076  
• Cummins CES 20077  
• Cummins CES 20086  
• DAF HP2  
• Deutz DQC IV-10 LA  
• Mack EO-M Plus  
• Mack EO-N  
• MAN M 3271-1  
• MAN M 3477  
• MB 226.9  
• MTU Typ 3.1  
• Scania Low Ash  
• Volvo CNG  
• Volvo VDS-3

**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.euroteclube.com](http://www.euroteclube.com)

* **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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