



Heavy duty diesel engine oils - Mineral

## Eurol Diesel-Guard 15W-40

Mineral based SHPD motor oil

### Description

Eurol Diesel-Guard 15W-40 is a modern engine oil suitable for heavily loaded diesel engines with or without turbochargers and off-road equipment.

Eurol Diesel-Guard 15W-40 amply fulfils the latest strict norms regarding deposits on the piston crown and on the rest of the piston.

Due to the high temperature and ageing stability and because of the presence of strong deterging additives, Eurol Diesel-Guard 15W-40 ensures both the oil and the engine stay in good condition.

Wear is limited to a minimum, even under the most severe working conditions, so the quality of Eurol Diesel-Guard 15W-40 is guaranteed during the full drain interval regardless the type of engine and working conditions.

Eurol Diesel-Guard 15W-40 can be used for application in Euro II, Euro III and Euro IV and some Euro V engines, when fuels with high sulphur contents are involved.

Eurol Diesel-Guard 15W-40 is not recommended for diesel vehicles with a Diesel Particulate Filter.

Eurol Diesel-Guard 15W-40 is also recommended in gasoline engines, where SAE 15W-40 with API SL is prescribed.

### Approved

- API CI-4/SL
- MB-Approval 228.3
- Volvo VDS-3
- Mack EO-N
- Renault VI RLD-2

### Performance level

- ACEA E7
- MAN M3275
- Renault RLD
- Caterpillar ECF-2
- Caterpillar ECF-1-A
- CES 20076
- CES 20077
- CES 20078
- Deutz DQC III-10
- Global DHD-1
- MTU type 2
- Detroit Diesel DDC 93K215
- Mack EO-M Plus

### Physical properties

|                               |            |             |
|-------------------------------|------------|-------------|
| Colour                        | brown      |             |
| Density at 20°C               | 0.881 kg/l | ASTM D 4052 |
| Viscosity, kinematic at 40°C  | 104.9 cSt  | ASTM D 445  |
| Viscosity, kinematic at 100°C | 14.8 cSt   | ASTM D 445  |
| Viscosity Index               | 146        | ASTM D 2270 |
| Viscosity, dynamic (CCS)      | 4025 cP    | ASTM D 5293 |
| Base number                   | 11.0 mg    | ASTM D 2896 |
| Sulphated ash                 | 1.5 wt%    | ASTM D 874  |
| Flash point                   | 240 °C     | ASTM D 93   |
| Pour point                    | -39 °C     | ASTM D 97   |

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