

Delo Gold Ultra E SAE 10W-40

Effective performance heavy-duty engine oil

Product description

Delo® Gold Ultra E SAE 10W-40 is an effective performance stable, stay in grade heavy duty diesel engine oil formulated for Euro I, II, III, IV and V diesel engines.

Delo Gold Ultra E SAE 10W-40 is formulated with ISOSYN technology incorporating premium group II base oils, synthetic base oils and a high-quality additives, to deliver long drain performance* while protecting against soot, wear and under severe operating conditions.

Delo Gold Ultra E SAE 10W-40 is designed for most EGR engines, and most engines fitted with SCR and vehicles without diesel particulate filters (DPF).

Customer benefits

- Designed to provide low temperature sludge resistance and high temperature oxidation and piston deposit formation protection
- Detergency and acid control performance help prevent engine and bearing corrosion, reducing maintenance downtime
- Formulated to protect against wear and bore polishing, extend engine service life and optimise uptime
- Promotes soot related wear and deposit formation resistance, helping prevent excessive viscosity increase and filter plugging



Product highlights

- Promotes resistance to low temperature sludge and high temperature deposits
- Aids engine and bearing corrosion protection
- Designed to protect against wear and bore polishing
- Formulated for protection against deposits and filter plugging

Selected specification standards include:

| | |
|-------|----------------|
| ACEA | Allison |
| API | Cummins |
| DAF | Detroit Diesel |
| Deutz | Global |
| JASO | Mack |
| MAN | Daimler Trucks |
| MTU | Renault Trucks |
| Volvo | |

* Recommendations may differ between engine manufacturers so Drivers Manuals and/or Dealers should be consulted if in doubt.

Applications

- Formulated for use in naturally aspirated and turbocharged diesel engine operations with or without inter-cooling in trucks, buses, light commercial vehicles (LCV), off-road vehicles, construction equipment, agricultural vehicles and marine diesel engines
- Designed to provide good performance in most exhaust gas recirculation (EGR) engines, in most engines fitted with selective catalytic reduction (SCR) and engines without diesel particulate filter (DPF) after treatment systems

Approvals, performance and suitable for use

Approvals

- Cummins CES 20078
- Daimler Trucks DTFR 15B110
(previously known as MB 228.3)
- Detroit Diesel DFS 93K215
- Deutz DQC III-18
- Mack EO-N
- MTU Oil Category 2
- Renault Trucks RLD-2
- Volvo VDS-3

Suitable for use

Delo Gold Ultra E SAE 10W-40 is suitable for use in applications requiring:

- Mercedes Benz MB 229.1
- Cummins CES 20071
- Renault Trucks RD, RD-2
- Volvo VDS and Volvo VDS-2

Suitable for use in tractors and other agricultural machinery from the following manufacturers, which require an engine oil meeting the specifications listed above:

- Case New-Holland
- CLAAS
- Fendt
- Massey-Ferguson
- Mc Cormick
- SAME
- Valtra

Performance

- ACEA E7, A3/B3, A3/B4
- API CI-4, CH-4
- Global DHD-1
- JASO DH-1
- Allison C4
- Cummins CES 20072, CES 20076, CES 20077
- DAF Standard drain (Euro 0 to III)
- MAN M3275-1
- Renault RLD

Typical test data

| Test | Test Methods | Results |
|--|--------------|-------------------|
| Viscosity Grade | | SAE 10W-40 |
| Shelf Life: 60 months from date of filling indicated on the product label | | |
| Density at 15°C, kg/l | ASTM D4052 | 0.870 |
| Kinematic viscosity at 40°C, mm ² /s | ASTM D445 | 105.1 |
| Kinematic viscosity at 100°C, mm ² /s | ASTM D445 | 15.2 |
| Viscosity Index | ASTM D2270 | 152 |
| Pour point, °C | ASTM D5950 | -42 |
| Flash point COC, °C | ASTM D92 | 236 |
| Total Base Number, mg KOH/g | ASTM D2896 | 10.2 |
| Sulphated Ash, %wt | ASTM D874 | 1.6 |

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A Chevron company product