



# Delo<sup>®</sup> Gold Ultra E SAE 10W-40

## Proven performance heavy-duty engine oil

### Product description

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

Delo Gold Ultra E SAE 10W-40 features ISOSYN<sup>®</sup> technology, a combination of premium base oils and additives, formulated to promote optimum diesel engine protection, and is designed to offer reliable long-drain\* protection against soot, deposits and wear under severe operating conditions.

Delo Gold Ultra E SAE 10W-40 is designed for use in many exhaust gas recirculation (EGR) engines, and also those with selective catalytic reduction systems as well as those without diesel particulate filters (DPF).

### Customer benefits

- Formulated to offer low temperature sludge protection and high temperature oxidation and piston deposit formation resistance
- Designed for improved detergency performance and acid control to help maintain reliability and prevent engine and bearing corrosion
- Promotes extended engine service life and aids protection against wear and bore polishing
- Helps protect against soot related wear and deposit formation and prevent excessive viscosity increase and filter plugging



### Product highlights

- Offers low temperature sludge and high temperature deposit resistance
- Formulated for improved engine and bearing corrosion protection
- Helps protect against wear and bore polishing
- Designed to protect against deposits and filter plugging

#### Selected specification standards include:

ACEA	Allison
API	Cummins
DAF	Detroit Diesel
Deutz	Global
JASO	Mack
MAN	Mercedes Benz
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 recommendations

### Approvals

- Cummins CES 20078
- Detroit Diesel DFS 93K215
- Deutz DQC III-10
- Mack EO-N
- Mercedes Benz MB-Approval 228.3
- MTU Oil Category 2
- Renault Trucks RLD-2
- Volvo VDS-3

### 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

### Recommendations

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

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 10W-40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.870
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	100.7
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.9
Viscosity Index	ASTM D2270	155
Pour point, °C	ASTM D5950	-43
Flash point COC, °C	ASTM D92	224
Total Base Number, mg KOH/g	ASTM D2896	10.5
Sulphated Ash, %wt	ASTM D874	1.5

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** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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