



# Delo® Gold Ultra E SAE 15W-40

## Proven performance heavy-duty engine oil

Product Data Sheet



### Product description

Delo Gold Ultra E SAE 15W-40 is a proven performance heavy-duty engine oil, formulated to provide stable stay-in-grade performance, and designed for use in Euro I, II, III, IV and V diesel engines.

Delo Gold Ultra E SAE 15W-40 features ISOSYN® technology, a combination of premium base oils and additives, formulated to promote optimum diesel engine protection and offer reliable long-drain\* resistance to soot, deposits and wear under severe operating conditions.

Delo Gold Ultra E SAE 15W-40 is suitable for use in most engines with exhaust gas recirculation (EGR) and selective catalytic reduction aftertreatment systems and engines 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

### 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

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

### Product features:

- 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
  - Caterpillar
  - Cummins
  - DAF
  - Detroit Diesel
  - Deutz
  - Global
  - Iveco
  - JASO
  - Mack
  - MAN
  - Mercedes Benz
  - MTU
  - Renault Trucks
  - Volvo



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## Approvals, performance and recommendations

### Approvals

- Cummins CES 20078
- Detroit Diesel DFS 93K215
- Deutz DQC III-10
- Mack E O-N
- MAN M3275-1
- Mercedes Benz MB-Approval 228.3
- MTU Category 2
- Renault Trucks RLD-2
- Volvo VDS-3

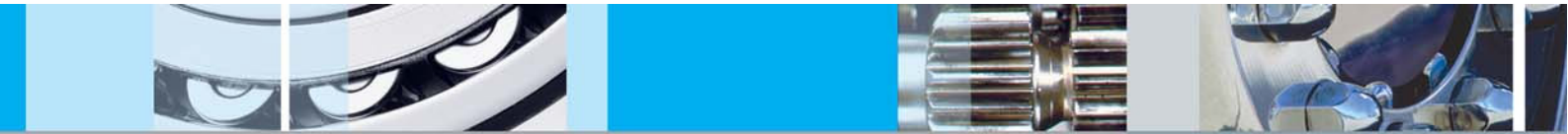
### Performance

- ACEA E7, A3/B3, A3/B4
- API CI-4, CH-4
- JASO DH-1
- Global DHD-1
- Allison C4
- Caterpillar ECF-1a & ECF-2
- Cummins CES 20071, CES 20072, CES 20076, CES 20077
- DAF Standard drain (Euro 0 to III)
- Mack EO-M Plus, EO-M
- Renault Trucks RLD

### Recommendations

Delo Gold Ultra E SAE 15W-40 is suitable for use in applications requiring:

- Allison TES 439
- API CE, CD, CF, CF-4, CG-4
- Iveco (Euro IV and V engines)
- Mercedes Benz MB 229.1
- Renault Trucks RD-2, RD
- Volvo VDS-2, VDS



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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

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## Typical test data

DELO® GOLD ULTRA E	TEST METHOD	RESULTS
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
<b>Viscosity Grade</b>		<b>SAE 15W-40</b>
<b>Density at 15°C, kg/l</b>	ASTM D4052	0.878
<b>Kinematic viscosity,</b> mm <sup>2</sup> /s @ 40°C	ASTM D445	111.2
mm <sup>2</sup> /s @ 100°C	ASTM D445	14.6
<b>Viscosity Index</b>	ASTM D2270	134
<b>Pour point, °C</b>	ASTM D5950	-43
<b>Flash point COC, °C</b>	ASTM D92	240
<b>Total Base Number, mg KOH/g</b>	ASTM D2896	10.5
<b>Sulphated Ash, %wt</b>	ASTM D874	1.5

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants: Africa, Middle East and Pakistan

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltexoils.com](http://www.caltexoils.com).

**For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)**

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