



Delo[®] Gold Ultra E SAE 15W-40

Proven performance heavy-duty engine oil

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



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	Caterpillar
Cummins	DAF
Detroit Diesel	Deutz
Global	Iveco
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
- 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-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

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 15W-40
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.878
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	111.2
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.6
Viscosity Index	ASTM D2270	134
Pour point, °C	ASTM D5950	-43
Flash point COC, °C	ASTM D92	240
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).

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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.

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