



Delo[®] Gold Multigrade

High performance heavy-duty multigrade diesel engine lubricant

Product Data Sheet

Product description

Delo Gold SAE 15W-40 is a high performance heavy-duty multigrade diesel engine lubricant specially designed for use in a wide range of diesel engines requiring API CH-4 or CF performance.

Customer benefits

- High performance detergency and ashless dispersancy additives maintain the higher dispersancy needed to meet the oil drain periods required in modern engine designs
- Excellent oxidation stability performance protects against high temperature gum and varnish formation
- Metallo-organic anti-wear additives optimise critical component wear protection under all conditions
- Multigrade viscosity protects against wear at start-up and in high temperature operation
- Detergent additives optimise cleanliness and power output in high temperature turbocharged diesel engines
- Mid-ash, higher dispersancy provides excellent all-round performance in mixed fleet applications and reduces inventories, costs and misapplications

Applications

- Mixed fleets of diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- Mixed fleets of both diesel and gasoline engines
- Commercial road transport
- Off-highway vehicles and plant
- Agricultural tractors and farm machinery

Product highlights:

- Excellent keep-clean performance
- Optimum wear protection
- Wide temperature protection
- Selected specification standards include:
 - API
 - Caterpillar

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- High speed diesel engines in marine service (fishing, river transport, etc.)
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

Approvals and performance specifications

Performance specifications

- API CH-4, CG-4, CF-4, CF SL
- Caterpillar ECF-1-a

Typical test data

| DELO GOLD MULTIGRADE TEST | TEST METHODS | RESULTS |
|---|--------------|---------|
| Viscosity Grade | | 15W-40 |
| Product Code | | 500398 |
| Density, 15 °C, kg/l | ASTM D4052 | 0.888 |
| Kinematic viscosity, 100 °C, mm ² /s | ASTM D445 | 15.1 |
| Total Base Number, mg KOH/g | ASTM 2896 | 9.4 |
| Elemental Analysis | | |
| - Zinc, %wt | X-Ray/ICP | 0.15 |
| - Calcium, %wt | X-Ray/ICP | 0.33 |

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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