



# Delo® Gold Ultra Synthetic Blend

## Multifunctional Diesel Engine Oil

Product Data Sheet

### Customer benefits

#### Reduces maintenance costs

ISOSYN® Technology, including a combination of high performance base fluids, carefully balanced metallic detergent and ashless dispersant additive system, provides excellent overall engine cleanliness in all service conditions. ISOSYN® Technology also confers the high degree of soot dispersancy required to maintain oil drain intervals in modern engine designs. Highly effective oxidation stability protects against the formation of gums and varnish at elevated temperatures.

#### Prolongs engine life

High efficiency dispersant combination plus proven metallo-organic anti-wear additive system provides excellent protection against wear of critically loaded components under all operating conditions. Multigrade viscosity provides additional protection against wear at start-up and under high temperature operating conditions.

#### Preserves full power and performance

Outstanding metallic detergent additive system preserves full power and performance by providing excellent upper-ring-belt deposit control under the high temperatures encountered in turbocharged diesel engines.

#### Extends oil and filter service intervals

Highly effective antioxidant system inhibits the formation of sludge forming materials which can lead to premature oil thickening and filter plugging. Very effective dispersant system further assists by keeping insoluble contaminants finely suspended in the oil, minimizing their ability to block oil filters.

### Applications

The following applications whenever the manufacturer recommends SAE 10W-30 grade:

- Mixed fleets of diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- Commercial road transport
- Off-highway vehicles and plant
- Agricultural tractors and farm machinery
- High speed diesel engines in marine service (e.g., fishing boat, river transport)
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

### Product features:

- **Delo® Gold Ultra Synthetic Blend** is a high performance, multigrade, heavy-duty diesel engine oil specifically designed to lubricate a wide range of engines requiring API CI-4 performance lubricants.
- **Delo® Gold Ultra Synthetic Blend** is formulated with ISOSYN® Technology.



## Key Properties

DELO® GOLD ULTRA SYNTHETIC BLEND	
SAE Grade	10W-30
Product Code	500576
Base No., D2896, mg KOH/g	10.4
Phosphorus, m %	0.13
Sulfated Ash, m %	1.5
Zinc, m%	0.15
Viscosity, mm <sup>2</sup> /s @ 40°C	82.5
mm <sup>2</sup> /s @ 100°C	12.2
Viscosity Index	144

1305

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.CaltexDelo.com](http://www.CaltexDelo.com).

## Performance standards

- API CI-4

### Planned Approvals

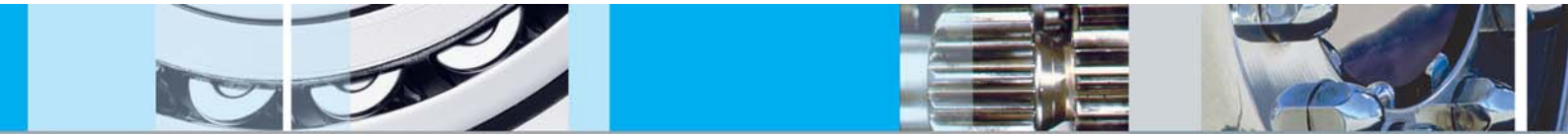
- Volvo VDS-3
- Renault RLD-2

### Meets the Requirements of

- JASO DH-1

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.

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## Service Considerations

For vehicles fitted with diesel particulate filters (DPFs), Delo 400 LE or Delo XLE Multigrade should be selected in accordance with the manufacturer's recommendations. The use of these low SAPS (sulfated ash, phosphorus and sulfur) products will maximize intervals between filter cleaning.

This product is not recommended for motorcycle engines.

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