



# Delo® Sports Synthetic Blend SAE 15W-40

## Sports Utility Vehicle Engine Oil

Product Data Sheet

### Customer benefits

#### Prolongs engine life

Very high oxidation stability combined with excellent dispersancy and anti-wear characteristics minimize deposit formation and wear, extending engine life. Control of soot related wear is especially important in SUV type diesel engines subject to stop/start city driving or in hard working off-road service. Multigrade viscosity provides additional protection against wear at start-up and under high temperature operating conditions.

#### Preserves full power and performance

High performance synthetic blend base fluid combined with 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.

#### Reduces operating costs

Exceptional wear control demonstrated in the Japanese JASO DH-1 wear tests translates into improved engine durability and reduced maintenance costs.

#### Reduces oil consumption

Synthetic blend base fluid and highly shear-stable viscosity index improvers provide superior control of oil flow through the ring belt area by maintaining oil viscosity, and reduce oil evaporation at the elevated ring zone temperatures experienced under high temperature on or off-road conditions.

### Applications

- Sports utility and sports activity recreational vehicles with diesel engines where HDMO type oils of API CI-4 or lower performance are required.
- High performance pick-up and 4x4 type vehicles with diesel engines where HDMO type oils of API CI-4 or lower performance are required.
- Other diesel powered passenger car or light commercial vehicles where HDMO type oils of API CI-4 or lower performance are required.

*Not suitable for use in light-duty diesel engines where passenger car-type diesel engines oils are required, such as those meeting the ACEA A/B or C Sequences, nor in gasoline engines, gas-fuelled engines or motorcycle engines.*

### Product features:

- **Delo® Sports Synthetic Blend SAE 15W-40** is a high performance, multigrade, diesel engine oil specifically designed to meet the requirements of sports utility, sports activity, pick up and 4x4 type vehicles where heavy duty type motor oils (HDMOs) are preferred.

- **Delo® Sports Synthetic Blend SAE 15W-40** is suitable where performance requirements up to and including API CI-4 are called for.

**Delo® Sports Synthetic Blend SAE 15W-40** is formulated from high performance hydrocracked base oils combined with selected synthetic base fluids.



## Product specifications

DELO® SPORTS SYNTHETIC BLEND	
KEY PROPERTIES	
SAE Grade	15W-40
Product Code	500575
Base No.,	
D2896, mg KOH/g	10.2
D4739, mg KOH/g	10.0
Phosphorus, m%	0.11
Sulfated Ash, m %	1.6
Viscosity,	
mm <sup>2</sup> /s @ 40°C	113
mm <sup>2</sup> /s @ 100°C	15.1
Viscosity Index	140
Zinc, m %	0.12

1807

## Performance standards

- API CI-4/SL (licensed)
- JASO DH-1

## Service considerations

Light-duty diesel engines, as used in passenger cars, light commercial vehicles and sport-utility vehicles vary in their lubricant requirements. Typically the requirement is for engine oils that have been designed expressly for light-duty diesel engines, and which meet one of the major light-duty diesel engine oil specifications, such as ACEA A3/B4, the ACEA C-series Sequences, and JASO DL-1. These specifications require performance characteristics that are somewhat different to those customarily associated with heavy-duty engine oils (HDMOs). For such engines, an appropriate oil selection may be made from the Havoline® Fully Synthetic and Havoline® Synthetic Blend range of products.

Nevertheless there are some light-duty diesel engines, particularly those from Asian builders, for which HDMOs that meet a current or recent API C-series category are either required or acceptable. The Delo® Sports series is intended for use in such engines.

## 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).

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 Lubricants**  
– Asia Pacific