



Delo® Sports Fully Synthetic

Sports Utility Vehicle Synthetic Engine Oil

Product Data Sheet

Customer benefits

Maximizes engine life

Very highly oxidation stable synthetic base fluid combined with excellent dispersancy and anti-wear characteristics, providing performance meeting the severe requirements of API CJ-4, minimize deposit formation and wear thereby 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. Wide range multigrade viscosity provides additional protection against wear at start-up and under high temperature operating conditions.

Preserves full power and performance

High performance synthetic 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

In comparison with conventional SAE 20W-50 engine oils, the fully synthetic SAE 5W-40 formulation with outstanding viscosity control provides a moderate fuel economy benefit.

Reduces oil consumption

SAE 5W-40 wide-multigrade viscosity and high viscosity index synthetic base fluid 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

- Sport utility and sport activity recreational vehicles, diesel-engined, where HDMO type oils of API CJ-4 or lower performance are required.
- High performance pick up and 4x4 type vehicles, diesel-engined, where HDMO type oils of API CJ-4 or lower performance are required.
- Other diesel powered light commercial vehicles where HDMO type oils of API CJ-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 Fully Synthetic** is a high performance, multigrade, synthetic diesel engine oil specifically designed to provide ultimate protection for sport utility, sport activity, pick up and 4x4 type vehicles that require heavy-duty type engine oils.
- **Delo® Sports Fully Synthetic** is suitable where performance requirements up to and including API CJ-4 are called for.
- **Delo® Sports Fully Synthetic** is formulated from fully synthetic base fluids.



Product specifications

DELO® SPORTS FULLY SYNTHETIC KEY PROPERTIES	
SAE Grade	5W-40
Product Code	500501
Base No., D2896, mg KOH/g	10.3
Phosphorus, m %	0.11
Sulfated Ash, m %	1.0
Viscosity, mm ² /s @ 40°C	88.5
mm ² /s @ 100°C	14.6
Viscosity Index	168
Zinc, m %	0.13

1304

Performance standards

- API CJ-4
- API CI-4 with API CI-4 PLUS

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.

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



Delo® Sports Fully Synthetic

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.

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