



# Ursa® Ultra 15W-40

Ultra high performance ISOSYN technology  
engine lubricant

Product Data Sheet



## Product description

Ursa Ultra 15W-40 is an ultra high performance ISOSYN technology engine lubricant, designed for mixed fleet and marine operation and meets the performance standards of a wide range of naturally aspirated, turbocharged and supercharged four-stroke diesel and gasoline engines, as well as legacy diesel engines.

This advanced technology lubricant contributes high-level engine protection to diesel engines meeting Euro IV and Euro V emission requirements and for on-highway diesel trucks with exhaust particulate emissions systems meeting 2007 EPA standards and running on Ultra Low Sulphur Diesel (ULSD).

Ursa Ultra 15W-40's ISOSYN® technology formulation - which combines non-conventional high viscosity index base stocks with a viscosity improver and advanced additive design, promotes high performance engine cleanliness, anti-wear, anti-corrosion and oxidation resistance, and rivals synthetic lubricants in critical engine tests. This product contributes good foam suppression performance.

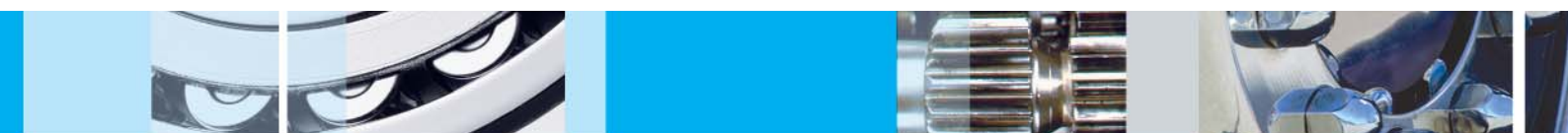
## Customer benefits

- Fleet-wide diesel, marine, gasoline and low emissions engine applications, reducing inventory size and avoiding misapplications
- Offers high level oxidation stability and aids protection against varnish, sludge and deposit build-up in high temperature operations
- Promotes high temperature protection against corrosion in vulnerable engine components
- High performance detergency and dispersancy additives contribute greater engine keep-clean performance
- Low sulphated ash level contributes to cleaner combustion chambers, valves, and piston rings
- Designed to promote extended engine service life, and helps prevent scuffing and wear in high load conditions

## Product highlights:

- Mixed fleet and marine engine applications
- Promotes high temperature protection
- Contributes high-level engine cleanliness
- Aids protection against varnish, sludge and deposits
- Designed to promote extended engine service
- Selected specification standards include:
  - ACEA
  - API
  - Caterpillar
  - Cummins
  - Daimler
  - Detroit Diesel
  - Mack
  - MAN
  - Renault
  - Volvo

A Chevron company product

- 
- Advanced soot handling performance helps extend filter life in both modern electronically controlled and older model engines
  - Helps maintain performance and protection in low emission engines using normal or low sulphur diesel fuels equipped with exhaust after treatment systems

## Applications

- Ursa Ultra 15W-40 is recommended for four-stroke naturally aspirated, turbocharged, and supercharged diesel engines but may also be used in four-stroke gasoline engines
- Ursa Ultra 15W-40 is ideal for mixed commercial fleets, farm machinery, construction equipment, marine, and other off-highway applications
- Ursa Ultra 15W-40 is recommended for diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emissions requirements and running under severe conditions, including extended oil drain intervals according to the manufacturer's recommendations
- Ursa Ultra 15W-40 is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. It is recommended for engines fitted with particulate filters

## Approvals and performance

### Performance

Ursa Ultra 15W-40 meets:

- |                  |                           |
|------------------|---------------------------|
| • ACEA           | E9, E7                    |
| • API            | CJ-4, CI-4 plus<br>SM, SL |
| • Caterpillar    | ECF-3, ECF-2              |
| • Detroit Diesel | DDC93K218                 |
| • MAN            | M3275                     |
| • Renault        | RLD-2                     |
| • Volvo          | VDS-3                     |



# Ursa® Ultra 15W-40

Ultra high performance ISOSYN technology  
engine lubricant

continued

## Approvals

Ursa Ultra 15W-40 is approved against:

- Cummins CES 20081
- Daimler MB 228.31
- Mack EO-O PP07
- MAN M3575, also meets M3275
- Renault RLD-3, also meets RLD-2
- Volvo VDS-4, also meets VDS-3

## Typical test data

URSA ULTRA 15W-40		
TEST	TEST METHODS	RESULTS
Viscosity Grade		15W-40
Product Code		02340.1
Density, 15 °C, kg/l	ASTM D4052	0.879
Kinematic viscosity, 40 °C, mm²/s	ASTM D445	118
Kinematic viscosity, 100 °C, mm²/s	ASTM D445	15.4
Viscosity Index	ASTM D2270	137
Pour point, °C	ASTM D97	-36
Flash point COC, °C	ASTM D92	224
Sulphated Ash, %wt	ASTM D874	1.0

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.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)