



# Ursa<sup>®</sup> Ultra XLE SAE 10W-40

## Premium performance synthetic low emissions heavy-duty engine oil

### Product description

Ursa Ultra XLE SAE 10W-40 is a premium performance synthetic low emissions heavy-duty engine oil, designed for naturally aspirated and turbocharged four-stroke diesel and gas engines in on- and off-highway and construction applications.

Ursa Ultra XLE SAE 10W-40 is formulated with advanced low SAPS additive technology designed to meet Euro VI emission requirements for Volvo, Scania, Daimler, DAF and Iveco engines, and offers backwards compatibility with legacy engine technology, meeting both full SAPS and lower SAPS specifications where permitted by OEMs.

Ursa Ultra XLE SAE 10W-40 synthetic base oils are formulated in combination with a range of latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver, and foam suppression additives and is recommended for extended drain intervals. Ursa Ultra XLE SAE 10W-40 combines ACEA E4, E6, E7 and E9 specifications.

### Customer benefits

- Suitable for a wide range of latest generation low emissions and older diesel engines in on- and off-road and construction applications, reducing inventories and misapplications
- Helps keep piston rings, piston lands and valves clean, and offers effective soot dispersancy and wear control, optimising engine service life and maintenance costs
- Latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver, and foam suppression protection
- Formulated to reduce emission control system cleaning and maintenance, improving Diesel Particulate Filter (DPF) service life

### Product highlights

- **Suitability for a wide range of OEM applications helps reduce inventories**
- **Helps keep piston rings, piston lands and valves clean**
- **Offers latest technology engine protection**
- **Formulated to reduce emission control system maintenance**
- **Designed for extended oil drain intervals**
- **Promotes good cold-start wear protection**

#### Selected specification standards include:

ACEA	API
Caterpillar	Cummins
DAF	Detroit Diesel
Deutz	Iveco
JASO	Mack
MAN	Mercedes Benz
MTU	Renault
Renault Truck	Scania
Voith	Volvo

- Advanced synthetic base oil and additive technologies help control oxidation, sludge and oil thickening, offering extended oil drain intervals
- Synthetic base oils promote good wear protection during cold engine starting, reducing maintenance, downtime and costs

### Applications

- Ursa Ultra XLE SAE 10W-40 is recommended for four-stroke naturally aspirated and turbocharged diesel engines
- Ursa Ultra XLE SAE 10W-40 is recommended for diesel engines meeting Euro IV, Euro V and the newest Euro VI emissions requirements where permitted by the OEM and is suitable for use in engines with global after treatment systems such as exhaust gas recirculation (EGR), diesel particulate filter (DPF), and selective catalytic reduction (SCR).
- Ursa Ultra XLE SAE 10W-40 is a universal technology recommended for both low SAPS (ACEA E6 and E9) technology and high SAPS performance (ACEA E7 and E4)
- Ursa Ultra XLE SAE 10W-40 is recommended for use in older engines as well as modern low emission designs. It is formulated for high performance with many fuels including low sulphur and ultra low sulphur diesel fuels, and many bio fuel formulations. In high sulphur fuels it gives TAN and TBN control equivalent to a high SAPS product
- Ursa Ultra XLE SAE 10W-40 is recommended for use in gas engines and in off-highway or construction applications in conditions where SAE 10W-40 is recommended

Recommendations may differ between engine manufacturers, so please consult driver manuals and/or dealers if in doubt.

### Approvals, performance and recommendations

#### Approvals

- Cummins CES 20081
- Deutz DQC-IV-10 LA
- Mack EO-O Premium Plus
- MAN M 3477, M 3575, M 3271-1
- Mercedes Benz MB-Approval 228.51  
MB-Approval 228.31
- MTU Oil Category 3.1
- Renault Truck VI RLD-3
- Scania Low Ash
- Volvo VDS-4

#### Performance

- ACEA E4, E6, E7, E9
- API CJ-4
- JASO DH-2
- Caterpillar ECF-3
- Detroit Diesel 93K218
- MTU Oil Category 2.1
- Renault VI RLD-2
- Voith Retarder B
- Volvo VDS-3

#### Recommendations

Suitable for use in:

- Applications requiring Renault VI RGD and RXD
- Applications requiring Renault VI RD, RD-2, RLD
- Applications requiring Volvo VDS-2
- Iveco Euro VI engines
- DAF extended drain (Euro III, IV, V and VI engines)

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 10W-40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.855
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	92.2
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	13.8
Viscosity Index	ASTM D2270	163
Pour point, °C	ASTM D5950	-33
Flash point COC, °C	ASTM D92	228
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.

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