



# Ursa<sup>®</sup> Premium TD

## SAE 15W-40

Proven performance ISOSYN<sup>®</sup> group II technology diesel engine lubricant

### Product description

Ursa Premium SAE 15W-40 is a proven performance ISOSYN<sup>®</sup> group II technology diesel engine lubricant, formulated to provide stable stay-in-grade performance, and designed for use in Euro I, II, III, IV and V diesel engines.

Ursa Premium TD SAE 15W-40 is formulated with premium group II base oils with a durable additive system, offering robust long-drain\* soot, deposit and wear protection in severe operating situations. Ursa Premium TD SAE 15W-40 is suitable for use in most engines with exhaust gas recirculation (EGR) and selective catalytic reduction aftertreatment systems and engines without diesel particulate filters (DPF).

### Customer benefits

- Designed to provide low temperature sludge resistance and high temperature oxidation and piston deposit formation protection
- Detergency and acid control performance help prevent engine and bearing corrosion, reducing maintenance downtime
- Offers protection against wear and bore polishing, extending engine service life, and optimising uptime
- Promotes soot related wear and deposit formation resistance, preventing excessive viscosity increase and filter plugging

### Product highlights

- **Promotes resistance to low temperature sludge and high temperature deposits**
- **Engine and bearing corrosion protection**
- **Offers protection against wear and bore polishing**
- **Formulated to protect against deposits and filter plugging**

#### Selected specification standards include:

ACEA	Allison
API	Caterpillar
Cummins	DAF
Detroit Diesel	Deutz
Global	Iveco
JASO	Mack
MAN	Mercedes Benz
MTU	Renault Trucks
Volvo	

\* Recommendations may differ between engine manufacturers so Drivers Manuals and/or Dealers should be consulted if in doubt.

## Applications

- Formulated for use in naturally aspirated and turbocharged diesel engine operations with or without inter-cooling in trucks, buses, light commercial vehicles (LCV), off-road vehicles, construction equipment, agricultural vehicles and marine diesel engines
- Designed to provide good performance in most exhaust gas recirculation (EGR) engines, in most engines fitted with selective catalytic reduction (SCR) and engines without diesel particulate filter (DPF) after treatment systems

## Approvals, performance and recommendations

### Approvals

- Cummins CES 20078
- Detroit Diesel DDC93K215
- Deutz DQC III-10
- Mack EO-N
- MAN M3275-1
- Mercedes Benz MB-Approval 228.3  
MB-Approval 229.1
- MTU category 2
- Renault Trucks RLD-2
- Volvo VDS-3

### Performance

- ACEA E7, A3/B4
- API CI-4, CH-4
- Allison C4
- Caterpillar ECF-2
- Cummins CES 20076, CES 20077
- JASO DH-1
- Global DHD-1

### Recommendations

Ursa Premium TD SAE 15W-40 is suitable for use in applications requiring:

- Allison TES 439
- API CE, CD, CF, CF-4, CG-4
- Cummins CES 20071, CES 20072
- DAF (Euro II and III engines)
- Iveco (Euro IV and V engines)
- Renault Trucks RD, RD-2, RLD and Volvo VDS-2

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 15W-40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.878
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	111.2
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.6
Viscosity Index	ASTM D2270	134
Pour point, °C	ASTM D5950	-43
Flash point COC, °C	ASTM D92	240
Total Base Number, mg KOH/g	ASTM D2896	10.5
Sulphated Ash, %wt	ASTM D874	1.5

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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