



# Ursa<sup>®</sup> Premium FE SAE 5W-30

## High performance synthetic heavy-duty engine oil

### Product description

Ursa Premium FE SAE 5W-30 is a high performance synthetic heavy-duty engine oil. It is designed to offer fuel saving performance across a range of modern heavy-duty diesel engines over extended drain intervals.

Ursa Premium FE SAE 5W-30 is formulated to conform to ACEA and original equipment manufacturers performance standards for modern heavy-duty diesel engines.

### Customer benefits

- Designed to deliver good fuel economy performance while maintaining robust and reliable engine wear protection
- Low viscosity synthetic base oils offer cold start-up protection in diesel engines in sub-zero temperatures
- Helps keep piston rings clean and offers protection against harmful valve and piston land deposit formation
- Formulated for soot dispersancy and wear control, helping offer optimum service life with minimal maintenance
- Reduces inventories and suitable for a wide range of applications, including older engines

### Product highlights

- **Designed to deliver fuel economy performance**
- **Offers sub-zero cold start-up protection**
- **Promotes valve and piston deposit resistance**
- **Formulated for soot dispersancy and wear control**
- **Helps reduce inventories and costs**

**Selected specification standards include:**

ACEA	DAF
Deutz	Iveco
Mack	MAN
Mercedes Benz	MTU
Renault	Voith
Volvo	

## Applications

- Ursa Premium FE SAE 5W-30 is recommended for use in heavy duty truck and bus operations, especially where extended drains are required. The oil is backwards compatible for older engines. For the correct oil drain intervals, the relevant engine manual or the manufacturer must be consulted
- Ursa Premium FE SAE 5W-30 is recommended for use in other commercial and off-highway engines where manufacturers do not specifically approve oils, but do publish performance requirements for service applications, such as Iveco (standard 18-1804 TFE)

- Mercedes Benz MB 228.5
- Mercedes Benz MB 235.28
- MTU Oil Category 3
- Renault RLD-2, RLD
- Voith Retarder B
- Volvo VDS-3

### Recommendations

Suitable for use in applications requiring:

- Iveco 18-1804 (TFE)
- Renault RD and RD-2
- Volvo VDS-2

## Approvals, performance and recommendations

### Performance

- ACEA E4, E7
- DAF Extended Drain (Euro 0-III engines)
- Deutz DQC IV-10
- Mack EO-N
- MAN M3277

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-30
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.859
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	71.4
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	12.1
Viscosity Index	ASTM D2270	166
Pour point, °C	ASTM D5950	-51
Flash point COC, °C	ASTM D92	230
Total Base Number, mg KOH/g	ASTM D2896	15.3
Sulphated Ash, %wt	ASTM D874	1.7

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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