



Ursa[®] 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, API 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, offering optimum service life with minimal maintenance
- Reduces inventories and suitable for a wide range of applications, including older engines

Product highlights

- **Offers fuel saving performance over extended drain intervals**
- **Keep clean engine performance**
- **Robust wear and bore polishing resistance**
- **High temperature oil thickening protection**
- **Protects bearings against corrosion**

Selected specification standards include:

ACEA	API
Caterpillar	Cummins
DAF	Deutz
Global	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 and Caterpillar

- MTU Oil Category 3
- Renault VI RLD-2
- Volvo VDS-3
- Voith Retarder B approval

Performance

- API CI-4
- ACEA E4, E7
- Caterpillar ECF-2
- Cummins CES 20076/20078
- Global DHD-1

Approvals, performance and recommendations

Approvals

- Mercedes Benz MB-Approval 228.5
- Mercedes Benz MB-Approval 235.28
- Deutz DQC IV-10
- Mack EO-N
- MAN M3277, M3377

Recommendations

Suitable for use in applications requiring:

- DAF Extended Drain (Euro III engines)
- Iveco 18-1804 including Class T3 E4 and Class TFE (except for Euro VI engines for which Ursa Ultra XLE 5W-30 is recommended)
- Renault RXD, RD, RD-2 and RLD
- Volvo VDS-2

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-30
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.855
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	71.7
Kinematic viscosity at 100°C, mm ² /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	12
Sulphated Ash, %wt	ASTM D874	1.3

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.

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