



# Ursa® Premium FE 5W-30

High performance synthetic heavy duty diesel engine lubricant

Product Data Sheet

## Product description

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

Ursa Premium FE is formulated to conform to ACEA, API and original equipment manufacturers performance standards for modern heavy duty diesel engines.

## Customer benefits

- Advanced additive technology offers fuel saving performance over extended drain intervals, helping reduce operating costs
- Detergency and dispersancy additive technology contributes to high performance keep clean engine protection
- Robust anti-wear additives offer increased engine protection and reduced maintenance downtime
- High performance formulation promotes bore polishing protection and increased vehicle uptime
- Protects against high temperature oil thickening under adverse and demanding driving conditions
- Formulated to offer robust corrosion protection to bearings, helping increase engine service life
- Good foam suppression performance aids reliable lubrication and component protection

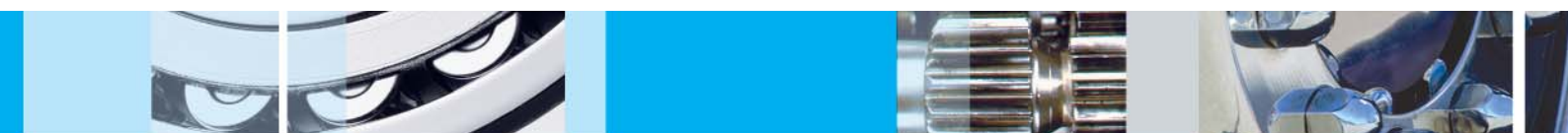
## Applications

- Ursa Premium FE 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

## 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
  - Daimler
  - Deutz
  - Iveco
  - Mack
  - MAN
  - MTU
  - Renault
  - Volvo

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- Ursa Premium FE 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

## Approvals, performance and recommendations

### Approvals

- |           |            |
|-----------|------------|
| • Daimler | MB 228.5   |
| • Deutz   | DQC IV-05  |
| • Mack    | EO-M Plus  |
| • MAN     | M3277      |
| • MTU     | Type 3     |
| • Renault | RXD, RLD-2 |
| • Volvo   | VDS-3      |

### Performance

- |               |           |
|---------------|-----------|
| • API         | CI-4      |
| • ACEA        | E4, E7    |
| • Caterpillar | ECF-1, 1a |

### Recommendations

- |         |         |
|---------|---------|
| • Iveco | 18-1804 |
|---------|---------|



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continued

## Typical test data

URSA PREMIUM FE TEST	TEST METHODS	RESULTS
Viscosity Grade		5W-30
Product Code		40171.1
Density, 15 °C, kg/l	ASTM D4052	0.855
Kinematic viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	71.7
Kinematic viscosity, 100 °C, mm <sup>2</sup> /s	ASTM D445	12.1
Viscosity Index	ASTM D2270	166
Pour point, °C	ASTM D97	-51
Flash point COC, °C	ASTM D92	230
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.

**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)