



## Mobil Delvac Super FE 10W-30

Mobil Commercial-Vehicle-Lube , United States

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High Performance Synthetic Blend Diesel Engine Oil

### Product Description

Mobil Delvac<sup>™</sup> Super FE 10W-30 is an advanced, synthetic blend, diesel engine oil that helps extend engine life, allowing you to run your business with confidence. It meets or exceeds the new API FA-4 specification for fuel efficient engine oils as well as key original equipment manufacturer (OEM) requirements.

Mobil Delvac Super FE is engineered to deliver potential fuel economy benefits<sup>1</sup> beyond those typically provided by SAE 10W-30 engine oils. This product is a tailored formulation that delivers excellent wear and engine protection, extended drain capability, outstanding high temperature performance and engine cleanliness. Developed in close collaboration with major OEMs, Mobil Delvac Super FE is recommended for use in heavy duty applications and operating environments found in the on-road trucking industry.

Mobil Delvac Super FE should only be used where an API FA-4 oil is recommended by the OEM. Before using this product in an engine, users should consult recommendations as shown in an owner's manual or other service bulletins.

### Features and Benefits

Mobil Delvac Super FE is formulated with optimized base oil technology, containing hydro-processed base stocks and a tailored additive system to deliver extended performance for up to 50% beyond OEM-recommended oil drain intervals<sup>1</sup>. The proprietary formulation delivers excellent wear protection, superior oxidation stability, and outstanding TBN retention. Mobil Delvac Super FE also provides outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear, and high temperature deposits.

Mobil Delvac Super FE is engineered to provide greater potential fuel economy benefits than typical SAE 10W-30 oils<sup>2</sup>.

The key benefits include:

<sup>1</sup> Results may vary based on vehicle/engine condition, driving and environmental conditions Consult OEM or ExxonMobil before implementing extended ODIs.

<sup>2</sup> Meets API FA-4 specification

Features	Advantages and Potential Benefits
Potential to improve fuel economy <sup>2</sup>	Engineered to provide greater potential fuel economy benefits than typical SAE 10W-30 oils.
Superior oxidation stability	Extended ODI capability <sup>1</sup> . Reduced low temperature sludge build-up and high temperature deposits
Excellent soot and viscosity control	Greater engine efficiency, long engine life and long oil life
Excellent oil consumption control	Lower oil costs due to less make-up oil during operation
Outstanding TBN reserves	Corrosion protection and extended drain intervals for both new and old engines using up to 500 ppm sulfur diesel fuel
Low temperature fluidity and pumpability	Formulated for smooth starting in cold weather
Resistance to corrosive and abrasive wear	Long life of critical wear surfaces

Component compatibility	Long gasket and seal life
Low ash formulation meeting API FA-4 requirements	Long emissions aftertreatment life (DPF, DOC and SCR)
Meets API SN	Suitable for use in gasoline engines requiring an oil meeting the API SN specification

## Applications

- Formulated for use in the latest heavy duty diesel engines, where PI FA-4 is recommended by the OEM.
- Engines equipped with emission control systems including exhaust aftertreatment systems.
- On-highway applications operating in both high speed/high load and short haul pick-up/delivery service.

## Specifications and Approvals

### This product has the following approvals:

Detroit Detroit Fluids Specification 93K223

### This product meets or exceeds the requirements of:

API FA-4

API SN

JASO DH-2

FORD WSS-M2C214-B1

Cummins CES 20087

## Properties and Specifications

Property	
Grade	SAE 10W-30
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	9.8
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	64.1
Viscosity Index, ASTM D2270	140
Pour Point, °C, ASTM D97	-36
Density @ 15 C, g/ml, ASTM D1298	0.865
Flash Point, Cleveland Open Cup, °C, ASTM D92	226
Ash, Sulfated, mass%, ASTM D874	0.9
Total Base Number, mgKOH/g, ASTM D2896	9.8

Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293	5330
Mini-Rotary Viscometer, Apparent Viscosity, -30 C, mPa.s, ASTM D4684	14000
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.1

## Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS)

@ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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