



Mobil Delvac™ 1300 Super Series

Mobil Commercial-Vehicle-Lube , United States

High Performance Synthetic Blend Diesel Engine Oil

Product Description

Mobil Delvac™ 1300 Super 15W-40 and 10W-30 are advanced, synthetic blend, diesel engine oils that help extend engine life, allowing you to run your business with confidence. These products meet or exceed original equipment manufacturer (OEM) requirements and deliver high performance in both on and off-highway applications.

Fully backward compatible, Mobil Delvac 1300 Super delivers exceptional performance in both newer and older heavy duty engine designs. Accordingly, these oils meet or exceed the requirements of API CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4 service categories, as well as key OEM requirements. Mobil Delvac 1300 Super oils are universal, meaning they may also be used in gasoline engines requiring the API SN specification.

Mobil Delvac 1300 Super 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 1300 Super is recommended for use in a wide range of heavy duty applications and operating environments in the trucking, mining, construction, agricultural and marine industries.

Features and Benefits

Mobil Delvac 1300 Super is formulated with optimized base oil technology, containing severely hydro-processed base stocks and a tailored additive system to deliver extended performance for up to 50% beyond OEM-recommended oil drain intervals¹. This proprietary formulation delivers excellent wear protection, outstanding oxidation stability, and outstanding TBN retention. Mobil Delvac 1300 Super also provides outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear, and high temperature deposits.

Mobil Delvac 1300 Super 10W-30 has the potential to improve fuel economy².

The key benefits include:

Features	Advantages and Potential Benefits
Meets demanding specifications of key OEMs and latest API gasoline service category	One engine oil for mixed fleet operations
Outstanding oxidation stability	Extended ODI capability. 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
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 CK-4 and CJ-4 requirements	Long emissions aftertreatment life (DPF, DOC and SCR)

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

²Compared to a SAE 15W-40 conventional engine oil. Savings are dependent on vehicle engine type, outside temperature, driving conditions, and your

current engine oil viscosity.

Applications

- Recommended for the latest heavy duty diesel engines, including those equipped with aftertreatment systems and EGR.
- Recommended for diesel applications using older and naturally aspirated conventional designs.
- On-highway heavy-duty trucking and off-highway applications including trucking, mining, construction, agriculture and marine.
- On-highway applications operating in both high speed/high load and short haul pick-up/delivery service.
- Off-highway applications operating in severe low speed/heavy load conditions using up to 500 ppm sulfur fuels.
- High performance gasoline engines requiring API SN and mixed fleet operations.
- Diesel-powered equipment from American, European and Japanese OEMs.

Specifications and Approvals

This product has the following approvals:	10W-30	15W-40
DEUTZ DQC II-10 LA	X	X
Detroit Fluids Specification 93K218	X	X
Detroit Detroit Fluids Specification 93K222	X	X
Mack EO-O Premium Plus	X	X
MACK EOS-4.5	X	X
MAN M 3575	X	X
MB 228.31	X	X
RENAULT TRUCKS RLD-3	X	X
VOLVO VDS-4	X	X
VOLVO VDS-4.5	X	X

This product meets or exceeds the requirements of:	10W-30	15W-40
API CH-4	X	X
API CI-4	X	X
API CI-4 PLUS	X	X
API CJ-4	X	X
API CK-4	X	X
API SN	X	X
JASO DH-2-17	X	X
ACEA E7	X	X

This product meets or exceeds the requirements of:	10W-30	15W-40
ACEA E9	X	X
CATERPILLAR ECF-3	X	X
Cummins CES 20086	X	X
ISUZU DEO (w/ DPD Equipped Vehicles)	X	X
MAN M 3275-1		X

Properties and Specifications

Property	10W-30	15W-40
Grade	SAE 10W-30	SAE 15W-40
Ash, Sulfated, mass%, ASTM D874	0.9	0.9
Density @ 15 C, g/ml, ASTM D1298	0.867	0.8751
Flash Point, Cleveland Open Cup, °C, ASTM D92	218	225
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6	4
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12	14
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	82	109
Pour Point, °C, ASTM D97	-39	-33
Total Base Number, mgKOH/g, ASTM D2896	9.6	9.4

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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