



High Performance Diesel Engine Oil

Product Description

Mobil Delvac™ 1300 Super 15W-40 and 10W-30 are advanced 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 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 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

Mobil Delvac 1300 Super meets or exceeds the requirements of:	15W-40	10W-30
API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4 / SN	X	X
ACEA E9, E7	X	X
Caterpillar ECF-3	X	X
Cummins CES 20086, 20081	X	X
Isuzu DEO (w/ DPD Equipped Vehicles)	X	X
JASO DH-2	X	X

Mobil Delvac 1300 Super is approved by the following OEMs:	15W-40	10W-30
Allison TES 439	X	
Detroit Fluids Specification 93K222, 93K218	X	X
Deutz DQC II-10 LA	X	X
Mack EOS-4.5, EO-O Premium Plus	X	X
MB-Approval 228.31	X	X
Renault Trucks RLD-4, RLD-3	X	X
MAN M 3575	X	X
MAN M 3275-1	X	
Volvo VDS-4.5, VDS-4	X	X

Typical Properties

Mobil Delvac 1300 Super	15W-40	10W-30
SAE Grade	15W-40	10W-30
Viscosity, ASTM D 445		
cSt @ 40°C	109	81.9
cSt @ 100°C	14.1	12
Viscosity Index, ASTM D 2270	130	140
Density @ 15°C kg/L, ASTM D 4052	0.874	0.867
Pour Point, °C, ASTM D 97	-33	-33
Flash Point, °C, ASTM D 92	225	218
Sulfated Ash, wt%, ASTM D 874	0.9	0.9
Total Base Number, mg KOH/g, ASTM D 2896	9.8	9.8
CCS, cP, ASTM D 5293	6600 @ -20C	6600 @ -25C
MRV, cP, ASTM D 4684	17500 @ -25C	18600 @ -30C
HTHS @ 150°C, cP, ASTM D4683	4.1	3.6

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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15W-40

Specifications and approvals	Technical details	
Mobil Delvac 1300 Super 15W-40 engine oil meets or exceeds the requirements of:	SAE Grade	15W-40
• API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4 / SN	Viscosity, ASTM D 445	
• ACEA E9, E7	cSt @ 40°C	109
• Caterpillar ECF-3	cSt @ 100°C	14.1
• Cummins CES 20086, 20081	CCS, cP, ASTM D 5293	6,600 @ -20°C
• Isuzu DEO (w/ DPD-equipped vehicles)	MRV, cP, ASTM D 4684	17,500 @ -25°C
• JASO DH-2	HTHS @ 150°C, cP, ASTM D 4683	4.1
Mobil Delvac 1300 Super 15W-40 engine oil is approved by the following OEMs:	Viscosity Index, ASTM D 2270	130
• Allison TES-439	Sulfated Ash, wt%, ASTM D 874.9	0.9
• Detroit Fluids Specification 93K222, 93K218	Total Base #, mg KOH/g, ASTM D 2896	9.8
• Deutz DQC II-10 LA	Pour Point, °C, ASTM D 97	-33
• Mack EOS-4.5, EO-O Premium Plus	Flash Point, °C, ASTM D 92	225
• MB-Approval 228.31	Density @ 15°C kg/l, ASTM D 4052	0.874
• Renault Trucks RLD-4, RLD-3		
• MAN M 3575, 3275-1		
• Volvo VDS-4.5, VDS-4		