



Mobil Delvac Modern 15W-40 Advanced Protection V1

Mobil Commercial Vehicle Lube , Mexico

Synthetic Diesel Engine Oil

Product Description

Mobil Delvac Modern 15W-40 Protección Avanzada is a synthetic, high performance, diesel engine oil that helps extend engine life while providing long drain capability for modern diesel engines operating in extreme conditions. It is recommended for use in a wide range of heavy-duty applications and operating environments found on-and off-highway, including engines operating under heavy loads.

Fully backward compatible, Mobil Delvac Modern 15W-40 Protección Avanzada delivers exceptional performance in both newer and older heavy duty engine designs. Accordingly, this oil 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 original equipment manufacturer (OEM) requirements.

Mobil Delvac Modern 15W-40 Advanced Protection is a boosted formulation designed for extended oil drain service and operations in extreme conditions. It delivers unsurpassed high temperature performance under the extreme operating environments found in the trucking, mining, construction, and agricultural industries

Features and Benefits

Mobil Delvac Modern 15W-40 Protección Avanzada is formulated with synthetic base stocks and a boosted additive system tailored to deliver extended performance for up to two times beyond OEM recommended oil drain intervals¹. The proprietary formulation delivers excellent wear protection, exceptional oxidation stability², and outstanding TBN retention. Mobil Delvac Modern 15W-40 Advanced Protection also provides outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear, and high temperature deposits.

Features	Advantages and Potential Benefits
Exceptional oxidation stability ²	Superior performance in extreme conditions and extended ODI potential up to 2 X the average OEM ODI recommendation ¹
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
Meets demanding specifications of key diesel OEMs	One engine oil for mixed diesel fleets
Low ash formulation meeting API CK-4 and CJ-4 requirements	Long emissions aftertreatment life (DPF, DOC and SCR)

Features	Advantages and Potential Benefits
¹ 1 Based on US engine manufacturers' (OEM) average oil drain intervals (ODI) API CK-4 / API FA-4 recommendation. Results vary based on vehicle/engine condition, driving and environmental conditions. Consult OEM or ExxonMobil before implementing extended ODIs, especially if the equipment/vehicle is under warranty.	
² 2 Based on performance in the Volvo T-13 engine test.	

Applications

- Recommended for the latest heavy duty diesel engines operating in extreme conditions, 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.
- Diesel-powered equipment from American, European and Japanese OEMs.

Specifications and Approvals

This product has the following approvals:
Allison TES-439
Detroit Detroit Fluids Specification 93K222
Detroit Fluids Specification 93K218
DQC III-18 LA
Cummins CES 20081
Cummins CES 20086

This product meets or exceeds the requirements of:
API CH-4
API CI-4 PLUS
API CJ-4
API CK-4
API SL
API CI-4
API SM
JASO DH-2

This product meets or exceeds the requirements of:

ACEA E7

ACEA E9

Caterpillar ECF-2

Caterpillar ECF-3

Properties and Specifications

Property	
Grade	SAE 15W-40
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	14.3
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	107
Pour Point, °C, ASTM D97	-33
Viscosity Index, ASTM D2270	133
Density @ 15 C, g/ml, ASTM D1298	0.87
Flash Point, Cleveland Open Cup, °C, ASTM D92	221

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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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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