



Mobil Delvac Modern™ 15W-40 Super Defense V4

Mobil Commercial Vehicle Lube , Turkey
High Performance Diesel Engine Oil

Product Description

Mobil Delvac Modern15W-40 Super Defense V4 is a high performance synthetic technology diesel engine oil that provides excellent lubrication of today's diesel e promoting long engine life. As a result, this product meets or exceeds the requirements of virtually all major European and American engine manufacturers. The che of this product provides excellent performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high Sulphu Mobil Delvac Modern 15W-40 Super Defense V4 combines a blend of high performance base stocks with a balanced additive system to provide excellent contrc thickening due to soot build-up and high temperatures as well as excellent resistance to oxidation, corrosion, and high temperature deposits

Features and Benefits

High output, low emission engines significantly increase demands on engine lubricants. Tighter engine design, use of inter-coolers, and turbochargers increase lt stresses on the lubricant. Low emission engine technologies such as higher fuel injection pressure and retarded timing require improved oil performance in areas s oxidation stability, soot dispersancy, and volatility. Mobil Delvac Modern 15W-40 Super Defense V4 is formulated from high performance base oils and a ba additive system to contribute to optimum engine performance in modern diesel and gasoline engines as well as older models. The key potential benefits include:

Features	Advantages and Potential Benefits
High thermal and oxidation stability	Long oil life and cleaner engines
TBN reserves	Deposit control and acid neutralization
Stay-in-grade shear stability	Wear protection and viscosity control
Advanced detergency/dispersancy	Cleaner engines and longer component life
Improved soot handling	Improved viscosity control and used oil pumpability

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered equipment from leading Japanese, European, and American manufacturers
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Mixed fleet applications

Specifications and Approvals

This product has the following approvals:
Detroit Fluids Specification 93K215
MB-Approval 228.3
RENAULT TRUCKS RLD-2
Mack EO-N

This product has the following approvals:	
Mack EO-M Plus	
VOLVO VDS-3	

This product is recommended for use in applications requiring:	
API CF	
ACEA B2	
API CF-4	
VOLVO VDS-2	
API CG-4	
Mack EO-M	
RENAULT TRUCKS RLD	
MAN M 3275-1	
Cummins CES 20071	
Cummins CES 20072	

This product meets or exceeds the requirements of:	
ACEA E7	
API SL	
API SJ	
Cummins CES 20076	
Cummins CES 20077	
MTU Oil Category 2	
Ford WSS-M2C171-D	
Caterpillar ECF-2	
API CH-4	
API CI-4	

Properties and Specifications

Property	
Grade	SAE 15W-40
Pour Point, °C, ASTM D97	-36

Property	
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Ash, Sulfated, mass%, ASTM D874	1.1
Cold-Cranking Simulator, Apparent Viscosity @ -20 C, mPa.s, ASTM D5293	5800
Density @ 15 C, kg/m3, ASTM D4052	0.87
Viscosity Index, ASTM D2270	136
Total Base Number, mgKOH/g, ASTM D2896	9.2
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	14.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	110

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.as>
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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.mobiloil.com.tr/tr-tr/contact-us>
Tel: +90 850 390 4939
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