



Mobil Delvac HDEO Series

Mobil Commercial-Vehicle-Lube , United States

Product Description

Mobil Delvac™ HDEO 15W-40 and 10W-30 are oils designed to meet warranty requirements for high-speed, four-stroke heavy duty diesel engines. These products are formulated to maintain the durability of emission control systems, including diesel particulate filters and other advanced aftertreatment systems.

Mobil Delvac HDEO meets or exceeds the requirements of API service classifications CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4. These products are also approved by major original equipment manufacturers (OEM).

Applications

- Recommended for heavy duty diesel applications including low emission engine designs and those featuring EGR.
- Recommended for heavy duty diesel applications using older and naturally aspirated conventional designs

Specifications and Approvals

This product has the following approvals:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
Detroit Fluids Specification 93K218	X	X
Detroit Detroit Fluids Specification 93K222	X	X
Ford WSS-M2C171-F1	X	X
Mack EO-O Premium Plus	X	X
MACK EOS-4.5	X	X
MTU Oil Category 2.1		X
RENAULT VI RLD-3	X	X
VOLVO VDS-4	X	X
VOLVO VDS-4.5	X	X
API CH-4	X	
API CI-4	X	

This product meets or exceeds the requirements of:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
API CH-4		X
API CI-4		X
API CI-4 PLUS	X	X

This product meets or exceeds the requirements of:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
API CJ-4	X	X
API CK-4	X	X
CATERPILLAR ECF-3	X	X
Cummins CES 20081	X	X
Cummins CES 20086	X	X

Properties and Specifications

Property	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
Grade	SAE 10W-30	SAE 15W-40
Ash, Sulfated, mass%, ASTM D874	1	1
Cold-Cranking Simulator, Apparent Viscosity @ -20 C, mPa.s, ASTM D5293		5900
Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293	6550	
Flash Point, Cleveland Open Cup, °C, ASTM D92	225	225
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6	4
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	140	14.2
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	81.3	112
Mini-Rotary Viscometer, Yield Stress, -25 C, Pa, ASTM D4684		20000
Mini-Rotary Viscometer, Yield Stress, -30 C, Pa, ASTM D4684	22600	
Pour Point, °C, ASTM D97	-36	-27
Specific Gravity, 15.6 C/15.6 C, ASTM D4052	0.867	0.874
Total Base Number, mgKOH/g, ASTM D2896	10	10
Viscosity Index, ASTM D2270	140	132

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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Exxon Mobil Corporation

22777 Springwoods Village Parkway
Spring TX 77389

1-800-ASK MOBIL (275-6624)

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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