Mobil

Mobil Delvac 1600 Series

Mobil Commercial Vehicle Lube , North Macedonia

Heavy Duty Diesel Engine Oils

Product Description

Mobil Delvac 1630, 1640 and 1650 are extra high performance diesel engine oils formulated from advanced base oils and a balanced additive system to meet or exceed the demanding specifications of the world's leading builders of modern diesel engines. They are recommended by ExxonMobil for use in European and Japanese-designed intercooled, highly turbocharged engines operating under the most severe on and off-highway conditions.

Features and Benefits

Today's low emission engines place increasing demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil make-up to replenish depleted additives. Higher piston top ring positioning brings the oil film closer to the extreme combustion temperatures increasing thermal stress on the lubricant. Higher fuel injection pressure and retarded timing improve burn efficiency, but also increase engine part loading, temperatures, and soot in the oil. The advanced technology in Mobil Delvac 1630, 1640 and 1650 provides exceptional performance in both modern diesel engines as well as older models. The key benefits include:

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up, and oil degradation	Outstanding control of high temperature deposits Extended oil life above OEM recommended Oil Drain Intervals(ODI) Excellent protection against ring sticking
Exceptional wear protection	Reduces maintenance costs and extends engine life
Excellent soot handling capabilities	Maintains viscosity control and reduces wear

Applications

Recommended by ExxonMobil for use in:

- Diesel-powered equipment from leading diesel engine manufacturers
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, quarrying, and agriculture
- Mixed diesel and gasoline fleets

Specifications and Approvals

This product has the following approvals:	MOBIL DELVAC 1630	MOBIL DELVAC 1640	MOBIL DELVAC 1650
MTU Oil Category 2	X	X	
Wartsila 4-Stroke Medium Speed Engines for Distillate- and Dual-Fuel operations		X	
ZF TE-ML 04B	X	X	

This product is recommended for use in applications requiring:			
ACEA E2	X	X	
Allison C-4	X		

This product is recommended for use in applications requiring:			
API CF	X	X	X
API SF	X	X	X
MAN 270	X	X	

Properties and Specifications

Property	MOBIL DELVAC 1630	MOBIL DELVAC 1640	MOBIL DELVAC 1650
Grade	SAE 30	SAE 40	SAE 50
Ash, Sulfated, mass%, ASTM D874	1.4	1.4	1.4
Density @ 15.6 C, g/cm3, ASTM D4052		0.892	0.896
Flash Point, Cleveland Open Cup, °C, ASTM D92	250	256	290
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.5	14.1	19.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	90	132	202
Pour Point, °C, ASTM D97	-30	-21	-18
Total Base Number, mgKOH/g, ASTM D2896	12	12	12
Viscosity Index, ASTM D2270	117	112	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.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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