



## Mobil Delvac 1600 Series

Mobil Commercial-Vehicle-Lube , United States

High Performance Diesel Engine Oils

### Product Description

Mobil Delvac 1630, 1640, and 1650 are high performance monograde diesel engine oils formulated from advanced technology base oils and a balanced additive system. They are recommended by ExxonMobil for use in intercooled, turbo-charged engines operating under severe on and off-highway conditions as well as a wide range of applications where a monograde lubricant is recommended.

### Features and Benefits

Features	Advantages and Potential Benefits
Excellent protection against oil thickening, high temperature deposits, sludge build-up, oil degradation and corrosion	Prolonged engine life Less wear Excellent protection against ring sticking
Extended TBN reserve	Long-term deposit/wear control Controls formation of acids when using higher sulfur fuels

### Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered equipment
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying, and agriculture

### Specifications and Approvals

This product has the following approvals:	1630	1640	MOBIL DELVAC 1650
General Electric Fundamental Approval (letter on file)		X	
MTU Oil Category 2	X	X	
ZF TE-ML 04B	X	X	
ACEA E2		X	
API CF		X	
API SF		X	
MAN 270		X	

This product is recommended for use in applications requiring:	1630	1640	

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ACEA E2	X		
Allison C-4	X		
API CF	X		X
API SF	X		X
MAN 270	X		

### Properties and Specifications

Property	1630	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/cm <sup>3</sup> , ASTM D4052	0.89	0.89	0.896
Flash Point, Cleveland Open Cup, °C, ASTM D92	230	239	290
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.5	14.7	19.5
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /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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