



Mobil Delvac 1200 Series

Mobil Commercial Vehicle Lube , Brazil

Heavy Duty Diesel Engine Oils

Product Description

Mobil Delvac 1220, 1230, 1240, and 1250 are heavy duty, diesel engine oils formulated from high performance base oils and a balanced additive system of ashless dispersants, metallic detergents, and inhibitors to control oxidation, wear, corrosion, and rust. They are used in a wide range of applications where a monograde lubricant is recommended including 2-cycle diesel applications (e.g. the Detroit Diesel's Series 53, 71, 92, and 149 two cycle engines).

Features and Benefits

Features	Advantages and Potential Benefits
Excellent oxidation and thermal stability	Keeps engines clean and extends oil life
Good rust and corrosion prevention	Long engine and component life

Applications

- Diesel powered equipment including 2-cycle applications
- On highway light and heavy duty trucking
- Off highway industries including: construction, mining, quarrying, and agriculture
- Mobil Delvac 1230 is suitable for use in lawn mowers. *

* Please refer to owners manual.

Specifications and Approvals

This product is recommended for use in applications requiring:	MOBIL DELVAC 1220	MOBIL DELVAC 1230	MOBIL DELVAC 1240	MOBIL DELVAC 1250
API CF	X	X	X	X
API CF-2		X	X	X
API SF	X	X	X	X

Properties and Specifications

Property	MOBIL DELVAC 1220	1230	1240	MOBIL DELVAC 1250
Grade	SAE 20	SAE 30	SAE 40	SAE 50
Ash, Sulfated, mass%, ASTM D874	0.9	0.82	0.82	0.82
Density @ 15 C, g/ml, ASTM D4052	0.89	0.894	0.899	0.896

Property	MOBIL DELVAC 1220	1230	1240	MOBIL DELVAC 1250
Flash Point, Cleveland Open Cup, °C, ASTM D92	228	238	247	241
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683		3.7	4.6	
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	2.90			
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	8.3	11.9	15.5	19.6
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	66	104.7	157.6	215.5
Pour Point, °C, ASTM D97	-27	-27	-21	-21
Total Base Number, mgKOH/g, ASTM D2896	7.0	7.0	7.1	7.1
Viscosity Index, ASTM D2270	111	102	99	99

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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