



## Vecton Fuel Saver 5W-30 E6/E9

Helps Maximise Performance

### Description

New Castrol Vecton Fuel Saver 5W-30 E6/E9 is a full synthetic Low SAPS engine oil formulated with unique System 5 Technology™ delivering up to 40% better performance<sup>1</sup> in the latest European diesel engines including Euro 6 and engines fitted with DPF. It also gave up to 1% fuel saving<sup>2</sup> in a Euro 5 engine using the European Transient Cycle test when compared to a modern top tier 15W-40 engine oil.

### Application

Castrol Vecton Fuel Saver 5W-30 E6/E9 is designed for better fuel economy in the latest Euro 6 diesel engines. It is also suitable for extended service intervals as recommended by many European engine manufacturers, including Mercedes-Benz and Volvo, and is approved for use in MAN Euro 6 engines. It can be used in low emission Euro 4 & Euro 5 European trucks and buses, especially those requiring a low SAPS lubricant and in older on-road and off-road vehicles and equipment that require this performance level.

### Advantages

Castrol Vecton Fuel Saver 5W-30 E6/E9 with unique System 5 Technology™ adapts to changing engine conditions and fights to help maximise performance in five key areas: fuel consumption, oil consumption, oil drain interval, component life and power. It also:

- Delivers real world fuel savings without compromising engine protection.
- Fights wear to critical engine components even at low viscosity.
- Fights piston deposits helping to reduce oil consumption.
- Fights harmful acids which form during engine operation.
- Maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emissions legislation.

1. In independent laboratory tests, Castrol Vecton Fuel Saver 5W-30 E6/E9 performed up to 40% better than API and ACEA industry standard limits across oil thickening, piston deposits, soot handling and wear and corrosion. See [www.castrolvecton.com](http://www.castrolvecton.com)

2 Castrol Vecton Fuel Saver 5W-30 E6/E9 also gave up to 0.72% fuel saving when compared to a 10W-40 in the same test. Actual fuel economy depends on the type of vehicle, the driving style and the driving conditions. Results may vary. See [www.castrolvecton.com](http://www.castrolvecton.com)

## Typical Characteristics

Name	Method	Units	Vecton Fuel Saver 5W-30 E6/E9
Density @ 15C	ASTM D4052	g/ml	0.854
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	11.8
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6070
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	69.5
Viscosity Index	ASTM D2270	None	166
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.5
Pour Point	ASTM D97	°C	-51
Flash Point, COC	ASTM D92	°C	228

## Product Performance Claims

ACEA E6, E7, E9  
API CJ-4  
JASO DH-2  
CAT ECF-3  
Cummins CES 20081  
Deutz DQC IV-10LA  
Mack EO-M Plus, EO-O Premium Plus  
MAN M 3271-1, M 3477 M 3677  
MB-Approval 228.31/ 228.51  
MTU Oil Category 3.1  
RVI RLD-3  
Scania Low Ash  
Volvo CNG, VDS 4  
For Iveco trucks requiring ACEA E6, E7, E9  
Meets DAF PX Euro VI requirements

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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