



## Vecton Long Drain 10W-40 E7

For maximum drain intervals

### Description

Castrol Vecton Long Drain 10W-40 E7 is a full synthetic engine oil formulated with unique System 5 Technology™ delivering up to 40% better performance. (\*1) It is also engineered for extended oil drain up to 100,000km(\*2) in modern European diesel engines in accordance with OEM specifications.

### Application

Castrol Vecton Long Drain 10W-40 E7 is designed for extended drain in modern diesel engines, Euro 4\*, Euro 3 and Euro 2 European trucks and buses. It can also be used in off-road vehicles and equipment that require this performance level.

\*Not for use in Euro 4 vehicles requiring low SAPS lubricants. For this application we recommend Castrol Vecton Long Drain 10W-40 LS.

### Advantages

Modern engines operate in constantly changing conditions which impacts engine performance. Castrol Vecton Long Drain 10W-40 E7's unique System 5 Technology™ adapts to these changing conditions to help maximise engine performance. It provides exceptional resistance to contaminants and delivers outstanding performance when you run extended drains, even under severe operating conditions.

System 5 Technology™ helps to maximise engine performance throughout extended drain intervals:

- Fights harmful acids which form during engine operation, maintaining TBN reserve throughout the oil drain.
- Fights wear to critical engine components.
- Fights piston deposits even under severe operating conditions.

Castrol Vecton Long Drain 10W-40 E7 is approved by Mercedes Benz, MAN, Renault, Volvo and Deutz for oil drain up to 100,000 km, (\*2) in accordance with their specifications.

(\*1) In independent laboratory tests, Castrol Vecton Long Drain 10W-40 E7 performed up to 40% better than API and ACEA industry standards limits across oil thickening, piston deposits, soot handling and wear and corrosion.

(\*2) Actual oil drain depends on engine type, operating conditions, service history, use of on-board diagnostics and fuel quality. Always consult your manufacturer's handbook.

## Typical Characteristics

Name	Method	Units	Castrol Vecton Long Drain 10W-40 E7
Density @ 15C	ASTM D4052	g/ml	0.866
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	13.1
Viscosity, CCS -25C	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	86
Viscosity Index	ASTM D2270	None	152
Ash, Sulphated	ASTM D874	% wt	1.9
Total Base Number, TBN	ASTM D2896	mg KOH/g	16.1
Pour Point	ASTM D5950	°C	-42

## Product Performance Claims

ACEA E4, E7  
API CF  
Deutz DQC III-10  
Mack EO-N  
MAN M 3277  
MB-Approval 228.5  
MTU Oil Category 3  
RVI RLD-2  
Scania LDF-3  
Volvo VDS 3  
Meets DAF 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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