



## Vecton Long Drain 10W-40 E7

Helps maximise performance

### 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<sup>1</sup>. It is also engineered for extended oil drain up to 100,000km<sup>2</sup> in modern European diesel engines in accordance with OEM specifications, and is approved by Scania for maximum oil drain up to 120,000km<sup>2</sup>.

### Application

Castrol Vecton Long Drain 10W-40 E7 is designed for extended drain in modern diesel engines including Euro II, Euro III and Euro IV/V/VI\* engines where permitted by manufacturers at the specification levels met. It can also be used in off-road vehicles and equipment that require this performance level.

\*Not for use in Euro IV/V/VI vehicles requiring low SAPS lubricants. For this application we recommend Castrol Vecton Long Drain 10W-40 E6/E9.

### 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, in accordance with their specifications<sup>2</sup>. It is also approved by Scania for oil drain up to 120,000km<sup>2</sup>.

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 @ 15°C	ASTM D4052	g/ml	0.866
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s (cSt)	13.1
Viscosity, CCS -25°C	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s (cSt)	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.

Vecton Long Drain 10W-40 E7

24 Jul 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW  
Orders/Enquiries: 0345 6008125 Technical Enquiries: 0345 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353  
[www.castrol.com/uk](http://www.castrol.com/uk)