



Product Data

## Vecton 10W-40 E4/E7

For longer useful oil life

### Description

Castrol Vecton® 10W-40 E4/E7 is an advanced synthetic technology heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life.

Castrol Vecton® 10W-40 E4/E7 is suitable for use in highly rated diesel engines meeting Euro I to Euro V emission requirements. It is suitable for engines without particulate filters, for some EGR engines and some engines fitted with SCR NOx reduction system

### Advantages

Castrol Vecton 10W-40 E4/E7 with System Pro Technology™ delivers up to 45% extra performance reserve\* that fights oil breakdown and also adapts to higher temperatures for longer useful oil life, giving you confidence in your maximum drain interval. All Castrol VECTON products are certified CO2 neutral according to the internationally applicable PAS2060 standard.

Modern trucks use new technologies to make as much as 30% higher torque, but this also means higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown and reducing its useful life. Castrol Vecton's System Pro Technology™ formulated with extra performance reserve that fights oil breakdown by:

- Combating oxidation and deposits
- Neutralizing harmful acids,
- Controlling oil aeration
- Also adapting to increased temperatures while resisting viscosity loss through shear.

All of this means longer useful oil life, giving you the confidence in your maximum drain interval

\*Compared to API and ACEA industry requirements and based on tests conducted on 81% of the Castrol Vecton range by volume based on 12 months sales up to March 2017.

## Typical Characteristics

Name	Method	Units	Vecton 10W-40 E4/E7
Density @ 15C	ASTM D4052	g/ml	0.868
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	14.9
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6300
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	99
Ash, Sulphated	ASTM D874	% w t	1.75
Total Base Number, TBN	ASTM D2896	mg KOH/g	13.0
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	210

## Product Performance Claims

ACEA E4, E7

API CI-4

JASO DH-1

Cummins CES 20077, CES 20078

DDC Powerguard 93K215

Deutz DQC III-18

DTFR 15B120

Mack EO-N

MAN M 3277

MTU Oil Category 3

RVI RLD-2

Volvo VDS-3

Meets Ford WSS-M2C944-A

## 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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