



Product Data

## Vecton 15W-40 CK-4/E9

For longer useful oil life

### Description

Castrol VECTON® 15W-40 CK-4/E9 is an advanced heavy duty diesel engine oil, specifically engineered with synthetic technology to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines with diesel fuels of up to 500ppm sulphur and is compatible with diesel engines fitted with exhaust gas recirculation (EGR) systems. It is also compatible with the latest exhaust after treatment systems such as DPF, DOC and/or SCR when diesel sulphur is limited to 15ppm max.

### Advantages

Castrol VECTON with System Pro Technology™ delivers up to 45% extra performance reserve\* 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 that also brings higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, reducing its useful life. Castrol VECTON's System Pro Technology™ formulated with extra performance reserve fights oil breakdown by:

1. Controlling oxidation and deposits
2. Neutralizing harmful acids
3. Maintaining viscosity.

System Pro Technology™ also adapts to increased temperatures resisting viscosity loss through thermal and mechanical 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 using 12 months sales up to March 2017.

## Typical Characteristics

Name	Method	Units	Vecton 15W-40 CK-4/E9
Density @ 15C	ASTM D4052	g/ml	0.875
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	15.1
Viscosity, CCS -20C (15W)	ASTM D5293	mPa.s (cP)	6500
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	114
Viscosity Index	ASTM D2270	None	138
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.8
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	200

## Product Performance Claims

ACEA E9  
API CK-4  
JASO DH-2  
CAT ECF-3  
Cummins CES 20086  
DDC DFS 93K222  
Deutz DQC III-18 LA  
DTFR 15C100 (MB 228.31)  
Mack EOS-4.5  
MAN M 3775  
MTU Oil Category 2.1  
RVI RLD-3  
Volvo VDS-4.5  
Meets Ford WSS-M2C171-F1

## 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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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

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