



Product Data

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

For longer useful oil life

### Description

Castrol VECTON® Long Drain 15W-40 CK-4/E9 is an advanced part synthetic heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines and is compatible with diesel engines fitted with EGR. It is also compatible with the latest exhaust after treatment systems such as DPF, DOC and/or SCR.

### Advantages

Castrol VECTON Long Drain with System Pro Technology™ is specifically engineered and tested for extended drains up to 80,000 kms\*. Castrol Vecton Long Drain products deliver 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 against National Carbon Offset Standard (NCOS) Modern trucks use new technologies resulting in different torq requirements which means higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, and reducing its useful life and ability to extend drain intervals. Castrol VECTON Long Drain's System Pro Technology™ has an 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.

\* based on in-field testing. Actual oil drain depends on engine type, operating conditions, service history, OBD and fuel quality. Always use a suitable oil monitoring program.

\*\* 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

## Typical Characteristics

Name	Method	Units	Vecton Long Drain 15W-40 CK-4/E9
Density @ 15C	ASTM D4052	g/ml	0.873
Viscosity, CCS -20C (15W)	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	119
Viscosity Index	ASTM D2270	None	142
Ash, Sulphated	ASTM D874	% w t	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	10.9
Pour Point	ASTM D97	°C	-33
Flash Point, PMCC	ASTM D93	°C	200

## Product Performance Claims

ACEA E11, E9  
API CK-4  
JASO DH-2  
CAT ECF-3  
Cummins CES 20086  
DDC DFS 93K222  
Deutz DQC III-18 LA  
DTFR15C100 (MB 228.31)  
Meets Ford WSS-M2C171-F1  
Mack EOS-4.5  
RVI RLD-3  
Volvo VDS-4.5

## 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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