



Vecton 15W-40 CK-4/E9

For longer useful oil life

Description

Castrol VECTON® 15W-40 CK-4/E9 is an advanced mineral 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 that use a broad range of fuel qualities. It is also compatible with diesels engines fitted with exhaust gas recirculation (EGR) systems.

Castrol Vecton 15W-40 CK-4/E9 is suitable with biodiesel per OEM recommendations.

Advantages

Castrol VECTON 15W-40 CK-4/E9 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 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'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.

*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	0.88
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	15.5
Viscosity, CCS -20C	ASTM D5293	mPa.s (cP)	6500
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	115
Viscosity Index	ASTM D2270	None	141
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	202

Product Performance Claims

ACEA E9
API CK-4
JASO DH-2
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
Deutz DQC III-10LA
Mack EOS-4.5
MB-Approval 228.31
MTU Oil Category 2.1
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.

Vecton 15W-40 CK-4/E9

01 Sep 2019

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, to the extent that it is permissible by law to exclude warranties and representations, 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. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, 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 Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia
Technical Advice Line 1300 557 998 Customer Service 1300 554 890
www.castrol.com.au www.msds.castrol.com.au