



Product Data

Castrol VECTON Plus 15W-40 CK-4/E11

For longer useful oil life

Description

Castrol VECTON® Plus 15W-40 CK-4/E11 is an advanced, heavy duty diesel engine oil specifically engineered with synthetic technology to deliver longer useful oil life.

Application

Castrol VECTON® Plus 15W-40 CK-4/E11 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

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® Plus 15W-40 CK-4/E11 with **System Pro Technology™** formulated with extra performance reserve* fights oil breakdown by controlling oxidation and deposits, neutralizing harmful acids and maintaining viscosity.

System Pro Technology™ 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.

*Extra Performance Reserve (EPR) is an average by which it exceeds the 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 Plus 15W-40 CK-4/E11
Density @ 15C	ASTM D4052	g/ml	0.876
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.5
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	112
Viscosity Index	ASTM D2270	None	133
Viscosity, CCS -20C (15W)	ASTM D5293	mPa.s (cP)	6500
Pour Point	ASTM D97	°C	-42
Flash Point, COC	ASTM D92	°C	250
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.5
Ash, Sulphated	ASTM D874	% wt	1.0

Performance

ACEA E11, E9

API CK-4

JASO DH-2

Approved - CAT ECF-3, Cummins CES 20086, DDC DFS 93K222, Deutz DQC III-18 LA, DTFR 15C100, 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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