



Product Data

Vecton Long Drain 5W-30 E6/E9

For longer useful oil life

Description

Castrol VECTON® Long Drain 5W-30 E6/E9 is an advanced full synthetic heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life and additional fuel savings*. It is suitable for highly rated diesel engines meeting Euro I to Euro VI emission requirements. It is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. It is strongly recommended for engines fitted with particulate filters and is designed for use in combination with low sulphur diesel fuel.

Advantages

Castrol VECTON Long Drain 5W-30 E6/E9 with System Pro Technology™ is tested for extended drains up to 120,000 km**. Utilizing System Pro Technology™, Castrol VECTON Long Drain 5W-30 E6/E9 delivers up to 45% extra performance reserve*** 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 and ability to extend drains and allows additional fuel savings*. Formulated with up to 45% extra performance reserve***, System Pro technology fights oil breakdown by:

- combating oxidation and deposits
- neutralizing harmful acids
- controlling oil aeration
- adapting to increased temperatures, resisting viscosity loss through shear.

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

* When compared to conventional 15W40s in laboratory engine testing.

** is approved by MAN and Scania for up to 120,000 km and Mercedes Benz, Volvo, and Renault for up to 100,000 km in accordance with their specifications. Actual oil drain depends on engine type, operating conditions, service history, OBD and fuel quality. Always consult your manufacturer's handbook.

*** 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 Long Drain 5W-30 E6/E9
Density @ 15C	ASTM D4052	g/ml	0.857
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	12.1
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6000
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	72.9
Viscosity Index	ASTM D2270	None	162
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.8
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	210

Product Performance Claims

ACEA E6, E7, E9
API CK-4/SN
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
Deutz DQC IV-18 LA
DTFR15C110 (MB 228.51)
Mack EOS-4.5
MAN M 3677
MTU Oil Category 3.1
RVI RLD-3
Scania LDF-4
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 Long Drain 5W-30 E6/E9
20 Dec 2023

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, 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. No responsibility is taken by either 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 (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com