



Product Data

Castrol Vecton Long Drain 10W-30 E6/E9

For longer useful oil life

Description

Castrol VECTON® Long Drain 10W-30 E6/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 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 10W-30 E6/E9 with System Pro Technology™ is specifically engineered and tested for extended drains up to 120,000 km*.

Modern trucks use new technologies to make as much as 30% higher torque, but that 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. Castrol VECTON Long Drain's System Pro Technology™ has been proven in field testing to safely extend drain intervals. System Pro technology™ fights oil breakdown by:

1. combating oxidation and deposits
2. neutralizing harmful acids
3. controlling oil aeration
4. 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.

* is approved by MAN for oil drain up to 120,000km, 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	Castrol Vecton Long Drain 10W-30 E6/E9
Density @ 15C	ASTM D4052	g/ml	0.86
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	12.0
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6100
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	83
Viscosity Index	ASTM D2270	None	133
Ash, Sulphated	ASTM D874	% w t	0.96
Total Base Number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D97	°C	-36
Flash Point, COC	ASTM D92	°C	230

Product Performance Claims

ACEA E6, E7, E9, E11
API CJ-4
JASO DH-2
CAT ECF-3
Cummins CES 20081
DDC Powerguard 93K218
Deutz DQC IV-18 LA
DTFR 15C110
Mack EO-O Premium Plus, EOS-4.5
MTU Oil Category 3.1
RVI RLD-3
Volvo CNG VDS-4 VDS-4.5
Meets requirements of MAN M 3271-1, M 3477
Meets DAF PX Euro VI requirements

Additional Information

Castrol VECTON® Long Drain 10W-30 E6/E9 is also suitable for use where older specifications are recommended that are backwards compatible from the latest specs and approvals held by this product. This includes

API CJ-4, CI-4, CH-4, CG-4, CF-4, Cat ECF-2, ECF-1a, Deutz DQC IV-10-LA, DQC III-18LA, DQC III-10-LA, Mack EON Premium Plus, MTU oil category 2.1, RVI RLD-2, Volvo VDS-3

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

www.castrol.com