Product Data

Vecton Long Drain 10W-40 E7

For longer useful oil life

Description

Castrol VECTON® Long Drain 10W-40 E7 is an advanced synthetic heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in highly rated diesel engines meeting Euro I to Euro V emission requirements. It is suitable for engines without particulate filters, for some EGR engines and some engines fitted with SCR NOx reduction systems.

Advantages

Castrol VECTON Long Drain 10W-40 E7 with System Pro Technology™ is specifically engineered and tested for extended drains up to 120,000 km*. Castrol Vecton Long Drain products deliver 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 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. Formulated with up to 45% extra performance reserve, 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-40 E7
Density @ 15°C	ASTM D4052	g/ml	0.866
Viscosity, Kinematic 100°C	ASTM D445	mm^2/s (cSt)	13.1
Viscosity, CCS -25°C	ASTM D5293	mPa.s (cP)	6400
Viscosity, Kinematic 40°C	ASTM D445	mm^2/s (cSt)	86
Viscosity Index	ASTM D2270	None	152
Ash, Sulphated	ASTM D874	% wt	1.9
Total Base Number, TBN	ASTM D2896	mg KOH/g	16.1
Pour Point	ASTM D5950	°C	-42

Product Performance Claims

ACEA E4, E7
API CF
Deutz DQC III-10
Mack EO-N
MAN M 3277
MB-Approval 228.5
MTU Oil Category 3
RVI RLD-2
Scania LDF-3
Volvo VDS 3
Meets DAF requirements

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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