



Product Data

Vecton Long Drain 5W-30 E7

For longer useful oil life

Description

Castrol VECTON Long Drain 5W-30 E7 is an advanced synthetic technology heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life.

Application

Castrol VECTON Long Drain 5W-30 E7 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.

It is not suitable for Euro IV, V and VI engines which require a low SAPS lubricant. Castrol recommends Castrol Vecton Long Drain 5W-30 E6/E9 for these applications.

Advantages

Castrol VECTON Long Drain 5W-30 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** that fights oil breakdown and also adapts to higher temperatures for longer useful oil life, giving you confidence in your maximum drain interval.

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 5W-30 E7'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	Vecton Long Drain 5W-30 E7
Density @ 15C	ASTM D4052	g/ml	0.838
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	12.4
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	72
Viscosity Index	ASTM D2270	None	164
Pour Point	ASTM D97	°C	-51
Total Base Number, TBN	ASTM D2896	mg KOH/g	15.4
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6200
Ash, Sulphated	ASTM D874	% w t	1.7

Performance

ACEA E4, E7
Cummins CES 20077
Deutz DQC IV-18
DTFR 15B120
Mack EO-N
MAN M 3277
MTU Oil Category 3
RVI RLD-2
Scania LDF-3
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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