



Product Data

## Castrol 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.

### Application

Castrol VECTON® Long Drain 10W-40 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.

### 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\*.

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 10W-40 E7 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.

\* 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.

## Typical Characteristics

Name	Method	Units	Vecton Long Drain 10W-40 E7
Density @ 15C	ASTM D4052	g/ml	0.865
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	14.4
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	97
Viscosity Index	ASTM D2270	None	155
Pour Point	ASTM D97	°C	-45
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	5700
Flash Point, PMCC	ASTM D93	°C	215
Total Base Number, TBN	ASTM D2896	mg KOH/g	12
Ash, Sulphated	ASTM D874	% w t	1.85

## Performance

ACEA E4, E7  
API CF  
Deutz DQC III-18  
DTFR 15B120 (MB 228.5)  
Mack EO-N, MAN M 3277  
MTU Oil Category 3  
RVI RLD-2  
Scania LDF-3  
Volvo VDS-3  
Meets DAF requirements

## Additional Information

Castrol Vecton Long Drain 10W-40 E7 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 Deutz DQC III-10, MAN M3275-1, MTU Categories 2 & 1, RVI RLD, Volvo VDS-2

## 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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