



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  | % wt               | 1.85                        |

## Performance

ACEA E4, E7  
API CF  
Deutz DQC III-18  
DTFR 15B120  
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

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