



## Vecton Long Drain 10W-40 LS

Full synthetic low SAPS engine oil for extended drain

### Description

Castrol Vecton Long Drain 10W-40 LS is a full synthetic low SAPS engine oil. It is formulated with unique System 5 Technology™ for extended drain in the latest European diesel engines with modern low emission systems (including DPFs), in accordance with OEM specifications.

### Application

Castrol Vecton Long Drain 10W-40 LS is designed for the latest low emission Euro 4 & Euro 5 European trucks and buses, especially those requiring a low SAPS lubricant. It can also be used for older trucks and buses, and in off-road vehicles and equipment that require this performance level.

### Advantages

Modern engines operate in constantly changing conditions which impacts engine performance. Castrol Vecton Long Drain 10W-40 LS's unique System 5 Technology™ adapts to these changing conditions to help maximize engine performance. It provides exceptional resistance to contaminants, and delivers outstanding performance when you run extended drains, even under severe operating conditions.

System 5 Technology™ helps to maximise engine performance throughout extended drain intervals:

- Fights harmful acids which form during engine operation, maintaining TBN reserve throughout the oil drain
- Fights wear to critical engine components
- Fights piston deposits even under severe operating conditions.

Castrol Vecton Long Drain LS 10W-40 is approved by Mercedes Benz, MAN, Renault, Volvo and Deutz for extended drain in accordance with their specifications. Actual oil drain depends on engine type, operating conditions, service history, use of on-board diagnostics and fuel quality.

Always consult your manufacturer's handbook.

## Typical Characteristics

Name	Method	Units	Vecton Long Drain 10W-40 LS
Density @ 15C, Relative	ASTM D4052	g/ml	0.864
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	12.9
Viscosity, CCS -25C	ASTM D5293	mPa.s (cP)	6700
Flash Point, PMCC	ASTM D93	°C	208
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	85.9
Viscosity Index	ASTM D2270	None	150
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	12.4
Pour Point	ASTM D97	°C	-39

CAUTION: Castrol Vecton Long Drain 10W-40 LS must not be used in Detroit Diesel 2-stroke engines, or petrol engines. Environmental Aspects: Potential longer drain intervals reduce the amount of waste oil, reducing the problems of waste oil disposal. \*Long Drain Intervals Castrol Vecton Long Drain 10W-40 LS has the potential for extended drain intervals depending on the operating conditions. Major European OEMs approve Castrol Vecton Long Drain 10W-40 LS for extended drain. \*An extended drain interval programme should be undertaken in conjunction with Castrol Technical Services who can assist with oil sampling frequency and interpretation of oil analysis results.

## Product Performance Claims

ACEA E4, E6, E7  
API CI-4  
Deutz DQC IV-10LA  
Mack EO-N  
MAN M 3271-1, M 3477  
MB-Approval 228.51  
RVI RLD-2  
Scania Low Ash  
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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