



Product Data

## Vecton Long Drain 10W-30 CK-4

Part Synthetic Diesel Engine Oil

### Description

**NEW CASTROL® VECTON® LONG DRAIN 10W-30 CK-4** with unique System Pro Technology™ is an advanced part-synthetic heavy duty engine oil. It can be used in diesel engines where API CK-4 and below diesel engine oil categories are required. It is specifically engineered to deliver longer oil life, enabling longer service intervals even under severe operating conditions.

### ADVANTAGES:

Castrol VECTON LONG DRAIN 10W-30 CK-4 delivers extended drain intervals of **up to 80,000 miles or 1,000hrs\***

New technology developments in diesel engines have led to lower emissions in heavy duty vehicles. These technology advances result in increasing levels of torque within the engine, leading to higher pressures and temperatures. Castrol VECTON Long Drain 10W-30 CK-4 with unique System Pro Technology™ adapts to increased pressure and temperature with its proven shear stability and oxidation performance, extending the useful life of the oil for longer service intervals and higher productivity.

(\*in combination with and following a proper used oil analysis program.)

### USER BENEFITS INCLUDE:

- Excels under high pressure: engine combustion pressures are increasing, which puts increased pressure on key engine parts. Castrol VECTON Long Drain 10W-30 CK-4 with unique System Pro Technology™ is formulated to hold its viscosity under high shear contacts to extend oil life.
- When it comes to neutralizing the harmful acids and combustion by-products that cause corrosion in bearings, Castrol VECTON Long Drain 10W-30 CK-4 maintains outstanding TBN level even while operating at maximum drain intervals.
- Performs at high temperature: engine oil is subjected to areas of very high temperature in modern engines, causing oxidation and oil thickening. Castrol VECTON Long Drain 10W-30 CK-4 is formulated to fight oxidation while extending oil life.

## Typical Characteristics

Name	Method	Units	Vecton Long Drain 10W-30 CK-4
Density @ 15C	ASTM D4052	g/ml	0.863
Viscosity, Kinematic 100C	ASTM D445	mm²/s	11.8
Viscosity, Kinematic 40C	ASTM D445	mm²/s	77
Viscosity Index	ASTM D2270	None	145
Ash, Sulphated	ASTM D874	% w t	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D97	°C	-48
Flash Point, PMCC	ASTM D93	°C	248
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	5560

## Product Performance Claims

API CK-4  
JASO DH-2  
CAT ECF-3  
Cummins CES 20086  
DDC DFS 93K222  
Deutz QDC III-18 LA  
DTFR 15C100 (MB 228.31)  
Meets Ford WSS-M2C171-F1  
Mack EOS-4.5  
RVI RLD-3  
Volvo VDS-4.5

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