



Product Data

Castrol Vecton 15W-40 CK-4

For longer useful oil life

Description

NEW CASTROL VECTON 15W-40 CK-4 with unique System Pro Technology™ is an advanced synthetic technology heavy duty engine oil. Conforming to the requirements of PC-11 engine oil technology, it can be used in diesel engines where API CK-4 or, CJ-4 and below is required. Specifically engineered to deliver longer oil life, enabling longer service intervals even under severe operating conditions

Application

Castrol VECTON 15W-40 CK-4 delivers extended drain intervals of **up to 60,000 miles***

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 15W-40 CK-4 with unique System Pro Technology™ adapts to increased pressure and temperature with its proven shear stability and oxidation performance, extending useful life of the oil for longer service intervals and higher productivity.

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

Advantages

- Excels under high pressure: engine combustion pressures are increasing, which puts increased pressure on key engine parts. Castrol VECTON 15W-40 CK-4 with unique System Pro Technology™ is formulated to hold its viscosity under high shear contacts to extend oil life.
- Performs at high temperature: engine oil is subjected to areas of very high temperature in modern engines, causing oxidation and oil thickening. Castrol VECTON 15W-40 CK-4 is formulated to fight oxidation to extend oil life.

Typical Characteristics

Name	Method	Units	Vecton 15W-40 CK-4
Density @ 15C	ASTM D4052	g/ml	0872
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	15.5
Viscosity, CCS -20C (15W)	ASTM D5293	mPa.s (cP)	5000
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	111
Viscosity Index	ASTM D2270	None	141
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D97	°C	-33
Flash Point, COC	ASTM D92	°C	230

Product Performance Claims

API CK-4
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
DTFR15C100 (MB 228.31)
Mack EOS-4.5
RVI RLD-3
Volvo VDS-4.5

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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