



Product Data Sheet

## Vecton 20W-50 CH-4

For longer useful oil life

### Description

Castrol VECTON 20W-50 CH-4 is an advanced mineral heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines that use a broad range of fuel qualities.

### Advantages

Castrol VECTON 20W-50 CH-4 with System Pro Technology™ delivers up to 45% extra performance\* reserve for longer useful oil life, giving you confidence in your maximum drain interval.

Modern trucks use new technologies to make as much as 30% higher torque, but that also brings higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, reducing its useful life. Castrol VECTON's System Pro Technology™ formulated with extra performance reserve fights oil breakdown by:

- Controlling oxidation and deposits
- Neutralizing harmful acids
- Maintaining viscosity.

System Pro Technology™ also adapts to increased temperatures resisting viscosity loss through thermal and mechanical shear. All of this means longer useful oil life giving you the confidence in your maximum drain interval

\*compared to API and ACEA industry requirements and based on tests conducted on 81% of the Castrol VECTON range by volume using 12 months sales up to March 2017

## Typical Characteristics

Name	Method	Units	Vecton 20W-50 CH-4
Density @ 15C	ASTM D4052	g/ml	0.885
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	19.0
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	179
Viscosity Index	ASTM D2270	None	120
Viscosity, CCS -15C (20W)	ASTM D5293	mPa.s (cP)	8000
Ash, Sulphated	ASTM D874	% w t	1.1
Total Base Number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D97	°C	-30
Flash Point, PMCC	ASTM D93	°C	210

## Product Performance Claims

API CH-4

## 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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