



Product Data

## Vecton Long Drain 5W-30 FA-4/F8

For longer useful oil life

### Description

Castrol VECTON® 5W-30 FA-4/F8 is an advanced full synthetic 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 and is compatible with diesel engines fitted with EGR and the latest exhaust after treatment systems such as; DPF, DOC and/or SCR. It is not recommended for use with fuels having greater than 15 ppm sulfur, and is not interchangeable or backward compatible with previous API category oils

### Advantages

Castrol VECTON 5W-30 FA-4/F8 with System Pro Technology™ delivers \*Up to 45% Extra Performance Reserve (EPR) for longer useful oil Life, giving you confidence in your maximum drain interval\* .

All Castrol VECTON products are certified CO2 neutral according to the internationally applicable PAS2060 standard.

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 5W-30 FA-4/F8 '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.

\*EPR is an average by which it exceeds the 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 Long Drain 5W-30 FA-4/F8
Density @ 15C	ASTM D4052	g/ml	0.858
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	9.6
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	5900
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	58
Viscosity Index	ASTM D2270	None	152
Ash, Sulphated	ASTM D874	% wt	0.9
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.8
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	203

## Product Performance Claims

API FA-4  
Cummins CES 20087  
DDC DFS 93K223  
DTFR15C130 (MB 228.61)

## 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.

Vecton Long Drain 5W-30 FA-4/F8  
29 Jan 2024

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

[www.castrol.com](http://www.castrol.com)