



Product Data

Vecton 5W-40 CK-4/SN

For longer useful oil life

Description

Castrol VECTON® 5W-40 CK-4/SN is an advanced 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 that use a broad range of fuel qualities. It is also compatible with diesel engines fitted with exhaust gas recirculation (EGR) systems.

It is recommended for use in applications requiring API CK-4 or SN and is API service backward compatible where a SAE 5W-40 viscosity grade is required.

Advantages

Castrol VECTON 5W-40 CK-4/SN 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 with System Pro Technology™ is formulated with extra performance reserve to fight oil breakdown by:

1. Controlling oxidation and deposits
2. Neutralizing harmful acids
3. 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 5W-40 CK-4/SN
Specific Gravity at 60°F	ASTM D4052	-	0.856
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.6
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	90
Viscosity Index	ASTM D2270	None	170
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	6100
Pour Point	ASTM D5950	°C	-48
Flash Point, COC	ASTM D92	°C	205
Total Base Number, TBN	ASTM D2896	mg KOH/g	10.5
Ash, Sulphated	ASTM D874	% w t	0.9

Product Performance Claims

API CK-4/SN
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
Ford WSS-M2C171-F1
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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