



Product Data

Vecton Multi-Fuel 10W-30 CK-4/NG

For longer useful oil life

Description

Castrol VECTON® Multi-Fuel 10W-30 CK-4/NG is an advanced heavy-duty diesel and natural-gas engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high-speed 4-stroke diesel and natural gas engines and is compatible with diesel and natural gas engines fitted with EGR and the latest exhaust after treatment systems such as DPF, DOC, and/or SCR. It can be used in engines requiring API CK-4 or below, API SN, and Cummins CES 20092.

Advantages

Modern trucks use new technologies to make as much as 30% higher torque, but this also means higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, and reducing its useful life and ability to extend drains. VECTON® Multi-Fuel 10W-30 CK-4/NG with System Pro Technology is formulated with up to 42% extra performance reserve.*

System Pro Technology fights oil breakdown by:

- combating oxidation and deposits
- neutralizing harmful acids
- controlling oil aeration
- adapting to increased temperatures, resisting viscosity loss through shear.

All of this means longer useful oil life, giving you the confidence in your maximum drain interval.

*Average of percentages by which VECTON exceeds the industry standard requirement limits in API CK-4 engine tests or viscosity maintenance, heat protection, deposit control, acid neutralization and minimum oil limits.

Typical Characteristics

Name	Method	Units	Vecton Multi-Fuel 10W-30 CK-4/NG
Density @ 15C	ASTM D4052	g/ml	0.866
Viscosity, Kinematic 100C	ASTM D445	mm²/s	12
Viscosity, Kinematic 40C	ASTM D445	mm²/s	80
Viscosity, CCS -25C (10W)	ASTM D5293	mPa.s (cP)	6400
Viscosity Index	ASTM D2270	None	144
Ash, Sulphated	ASTM D874	% w t	0.83
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.5
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	200

Product Performance Claims

API CK-4/SN
CAT ECF-3
Cummins CES 20086, CES 20092, CES 20100
DDC DFS 93K222
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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20 Dec 2024

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