Product Data Sheet

Vanellus Multi-Fleet Plus 15W-40

Premium diesel engine oil

Description

BP Vanellus Multi-fleet Plus 15W-40 is a mid-ash multigrade diesel engine oil that incorporates the latest advancements in lubrication technology to provide excellent performance in a wide range of heavy duty diesel engines.

Application

BP Vanellus Multi-Fleet Plus 15W-40 is specifically developed to give optimum performance and protection in mixed fleet heavy duty diesel engines including Euro 3 and many Euro 4 qualified engines. BP Vanellus Multi-Fleet Plus 15W-40 will provide high levels of protection in the majority of US and European heavy duty diesel engines due to its strong API CI-4 PLUS and ACEA E7 performance. It is not suitable for use in engines with diesel particulate filters (DPFs) or diffusers.

Advantages

BP Vanellus Multi-Fleet Plus 15W-40 offers the following benefits:

- Improved performance in all areas of engine protection compared to previous API CH-4 specification
- Premium levels of engine cleanliness, oil film strength, and wear protection
- Excellent soot control, sludge handling, and reduced oil thickening properties ensure maximum engine life
- May be used in mixed fleet operations, reducing stock inventory and potential errors
- Suitable in both naturally aspirated and turbocharged heavy duty diesel engines
- Minimised oil consumption due to enhanced viscosity control

Typical Characteristics

Name	Method	Units	Vanellus Multi-Fleet Plus 15W-40
Density @ 15C	ASTM D4052	g/ml	0.876
Viscosity, Kinematic 100C	ASTM D445	mm²/s	15.1
Viscosity, CCS -20C (15W)	ASTM D5293	mPa.s (cP)	6450
Viscosity, Kinematic 40C	ASTM D445	mm²/s	112
Viscosity Index	ASTM D2270	None	141
Ash, Sulphated	ASTM D874	% wt	1.4
Total Base Number, TBN	ASTM D2896	mg KOH/g	10.9
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	206

Product Performance Claims

ACEA E7
API CF-4/CG-4/CH-4/CI-4/CI-4 PLUS
CAT ECF-2
Cummins CES 20077, CES 20078
DDC Powerguard 93K214
Deutz DQC III-18
DTFR 15B110 (MB 228.3)
Mack EO-N Premium Plus
MTU Oil Category 2
RVI RLD-2,
Volvo VDS-3
Meets requirements of MAN M 3275-1

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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