



## Vanellus C4 Global

Premium Quality Multigrade Oil for Japanese Diesel Engines

## Product Data

### Description and applications

**Vanellus C4 Global** has been specifically designed to meet the stringent requirements of most Japanese engine manufacturers such as Mitsubishi, Hino, Nissan UD and Isuzu. Combining high quality base oils with field-proven additive technology, **Vanellus C4 Global** delivers maximum performance and wear protection in Japanese diesel engines NOT equipped with diesel particulate filters or diesel particulate diffusers.

**Vanellus C4 Global** delivers maximum performance and wear protection in Japanese engines. Whether turbo-charged or naturally aspirated, **Vanellus C4 Global**

### Benefits

- Specifically designed to meet the requirements of most Japanese engine manufacturers.
- Excellent level of wear protection.
- High detergent, high ash formulation to minimise piston deposits.
- Low volatility minimises oil consumption.
- Suitable for both turbo and naturally aspirated diesel engines.

### Specifications

**Vanellus C4 Global** is recommended where the following performance classifications are called for:

- SAE 15W-40
- JASO DH-1
- API CH-4 soot handling and valve train wear
- ACEA E3

**Vanellus C4 Global** also meets the technical requirements of the following Japanese manufacturers for engines without diesel particulate filters:

- Komatsu
- Mitsubishi
- Hino
- Nissan UD
- Isuzu

**Vanellus C4 Global** also suitable for the technical requirements of the following manufacturers:

- MB 228.1 type performance
- RVI RLD
- MAN 271
- Volvo VDS-2



## 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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

## Health & Safety Recommendations

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet which can be obtained by contacting the BP Lubricants and Fuels Technical Helpline on 1300 139 700. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. BP Australia will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office or the BP Lubricants and Fuels Technical Helpline 1300 139 700.

## Typical characteristics

Test	Method	Unit	Typical Value
Density @ 15°C,	ASTM D1298	kg/L	0.891
Kinematic Viscosity @ 40°C	ASTM D445	cSt	104
Kinematic Viscosity @ 100°C	ASTM D445	cSt	14.4
Viscosity Index	ASTM D2270	-	138
CCS Viscosity @ -20 °C	ASTM D2602	cP	6600
Pour Point	ASTM D97	°C	-36
Flash Point (COC)	ASTM D92	°C	206
Total Base Number	ASTM D2896	mgKOH/g	13.2
Sulphated Ash	ASTM D874	% MASS	1.8

*The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.*

Vanellus\_C4\_Global\_450342\_200805.doc  
Replaces Vanellus\_C4\_Global\_450342\_200709.doc

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