



Valor® 320 SAE 40

Efficient performance heavy duty monograde diesel engine oil

Product Data Sheet

Product description

Valor 320 SAE 40 is an efficient performance heavy duty monograde diesel engine oil with a high alkaline reserve (20 Base Number).

Valor 320 SAE 40 is formulated for use in turbocharged and naturally aspirated diesel engines running on high sulphur distillate fuels where API CF performance is required.

Customer benefits

- High level alkaline reserve aids combustion acid corrosion protection and helps maintain oil drain intervals and uptime
- Metallo-organic anti-wear additives promote engine wear protection and trouble-free operation under a wide range of conditions
- Metallic detergency and ashless dispersancy additives offer robust protection and resistance to high temperature deposit formation
- Oxidation stability aids resistance to oil degradation, oil thickening, oil line and filter plugging, helping reduce downtime
- Dependable and robust additive formulation offers reliable engine power output through keep-clean piston and ring performance

Applications

- High-speed, four-stroke, turbocharged or naturally aspirated diesel engines
- Commercial road transport vehicles
- Off-highway vehicles
- Agricultural tractors
- High speed diesel engines in marine service including fishing boats and river transport
- Generator sets

Product highlights:

- High sulphur fuel corrosion protection
- Wear protection and trouble-free operation
- High temperature deposit resistance

Selected specification standards include:

- API

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Approvals, performance and recommendations

Performance

- API CF

Typical test data

VALOR 320		
TEST	TEST METHODS	RESULTS
Viscosity Grade		40
Product code		500835
Density, 15 °C, kg/l	ASTM D4052	0.889
Visc, Kinematic, 100 °C, mm ² /s	ASTM D445	14.5
Visc, Kinematic, 40 °C, mm ² /s	ASTM D445	
Viscosity Index	ASTM D2270	
Pour Point, °C	ASTM D97	-12
Flash Point COC, °C	ASTM D92	225 min

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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