



PRODUCT DATA

Top Dog Global™ Mineral 15W-40

Mineral Based Low SAPS Premium Diesel Engine Oil

Description

Top Dog Global™ Mineral is a premium diesel engine oil meeting the latest in lubrication technology. It is formulated with high quality group II base oil.

It meets the specifications of nearly all modern engine manufacturers and OEMs. Due to its excellent dispersant properties Top Dog Global™ Mineral is ideally suited for Series 60 Detroit Diesel and engines fitted with EGR (Exhaust Gas Recirculation) systems and those fitted with diesel particulate filters (DPF's). Its ideal application is as a true all fleet universal diesel oil.

Top Dog Global™ Mineral can be used in stationary engines, earth moving and road transport applications as well as light commercial diesel applications and Allison C4 transmissions.

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Summary of Benefits

Top Dog Global™ Mineral offers:

- Extended drain intervals for more up time. (Meets Volvo VDS-4 extended drain intervals)
- Reduced oxidation and viscosity breakdown.
- Suitable for Diesel Particulate Filters (DPF's) and engines fitted with Exhaust Gas Recirculation.
- Superior sludge and soot control for a cleaner engine.
- Reduced oil consumption.
- Greatly reduced engine wear giving extended engine life.
- Very good low temperature viscometrics for reduced wear at start up.
- Low Saps formulation (Low sulfated ash & phosphorus).

Specifications

Top Dog Global™ Mineral meets the following international performance specifications:

- SAE Viscosity 15W-40
- API CF-4, CG-4, CH-4, Ci-4, CJ4 / SL, SN
- ACEA E9-08, E7-04), A3/B4-04 (2007), E5-02 (2002), E3-96 Issue 4 (2002)
- Global DDH-1
- Cummins CES 20081, 20078, 20077, 20076
- Mack EO-M Plus
- Mack EO-O Premium Plus
- Mercedes-Benz 228.31
- Volvo VDS-3, VDS-4
- Allison C4
- Caterpillar ECF3, ECF 2, ECF 1, and T0-2
- MTU Type 2.1
- DDC 93K218
- MAN 3275
- Renault Truck RLD/RLD-2
- Detroit Diesel DDC 93K215

Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Phone: 02 9673 9600.

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Typical Characteristics

Grade:	Top Dog Global™ Mineral 15W-40		
	Test Method	Units	
Density @ 15°C	ASTM D1298	kg/L	0.88
Kinematic Viscosity			
@ 40°C	ASTM D445	cSt	120
@ 100°C	ASTM D445	cSt	15.5
Viscosity Index	ASTM D2270	-	141
Viscosity at 15°C	IP 383	cP	3200
Pour Point	ASTM D97	°C	-30
Flash Point (COC)	ASTM D92	°C	210
Total Base Number	ASTM D2896	mgKOH/g	6.9
Sulphated Ash	ASTM D874	% mass	<1.00

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

Pack Sizes Available:

IBC - 30018B, 205lt - 30018, 20lt - 32018



GULF WESTERN

THE TOUGH AUSTRALIAN

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