



GULF WESTERN

THE TOUGH AUSTRALIAN

PRODUCT DATA

Top Dog[®] XDO 15W-40

Premium Diesel Engine Oil

Description

Top Dog[®] XDO is a premium diesel engine oil meeting the latest in lubrication technology. It holds global approval from Mack Trucks USA and Volvo Sweden. It is recognised as being an official factory fill lubricant.

Top Dog[®] XDO is ideally suited for mixed fleets including American European and Japanese diesel engines. Top Dog[®] XDO can be used in stationary engines, heavy duty earth moving and road transport applications as well as light commercial diesel applications and Allison C4 transmissions.

Top Dog[®] XDO can also be used in late model petrol engines both stationary and in mixed vehicle fleets.

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Summary of Benefits

Top Dog[®] XDO offers:

- Extended drain intervals for more up time.
- Reduced oil consumption.
- Greatly reduced engine wear giving extended engine life.
- Formulated for engines fitted with Exhaust Gas Recirculation (EGR) systems.
- Superior sludge and soot control for a cleaner engine.
- Certified as Mack Trucks USA EO-M lubricant.
- Very good low temperature viscometrics for reduced wear at start up.

Specifications

Top Dog[®] XDO meets the following international performance specifications:

- SAE Viscosity 15W-40
- API CI-4/CH-4/CF-4/SL
- ACEA E7/E5/E3/A3/B4-12
- Cummins 20070, 20071, 20072, 20076, 20077, 20078
- MTU Type 1, Type 2, MTU 4000
- Caterpillar ECF-2 / ECF1A
- ZF TE-ML-02C/03A+/04B/04C/07C
- MAN 271, 3275
- Mack EO-M, EO-M Plus, EO-N Premium Plus
- Mercedes-Benz sheet 228.3, 229.1
- MTU Type 1
- Volvo VDS, VDS-2, VDS-3
- Allison C4
- Caterpillar T0-2
- MIL-L-2104E/G, MIL -L-46512E
- Global DHD-1 / JASO DH-1
- Detroit Diesel 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 Safety Data Sheet, which can be obtained by contacting Gulf Western Phone: 02 9673 9600.

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Typical Characteristics

Grade:	Top Dog® XDO 15W-40		
	Test Method	Units	
Density @ 15°C	ASTM D1298	kg/L	0.8686
Kinematic Viscosity			
@ 40°C	ASTM D445	cSt	110
@ 100°C	ASTM D445	cSt	15.7
Viscosity Index	ASTM D2270	-	140
Viscosity at 15°C	IP 383	cP	360
Pour Point	ASTM D97	°C	-21
Flash Point (COC)	ASTM D92	°C	246
Total Base Number	ASTM D2896	mgKOH/g	8.0
Sulphated Ash	ASTM D874	% mass	1.0

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 - 30012B, 205lt - 30012, 20lt - 32012, 10lt - 31012, 6lt - 30612, 5lt - 30512, 1lt - 30112



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