



GULF WESTERN OIL
GO THE DISTANCE

TOP DOG HDZ-50 20W-50

PREMIUM MINERAL DIESEL ENGINE OIL

DESCRIPTION

TOP DOG HDZ-50 20W-50 is a premium mineral diesel engine oil using high performing API and OEM approved additive technology suitable for American, European and Japanese diesel engines.

This high viscosity formulation offers lower oil consumption and higher levels of wear protection for engines operating in the most severe applications or those with high mileage.

It can be used in a range of applications from stationary engines, heavy duty diesel engines including those used in earth moving and road transport applications as well as some petrol engine applications requiring API SL or earlier performance levels.

SUMMARY OF BENEFITS

- High viscosity formulation offers higher levels of wear protection and reduced oil consumption
- Improved oil pressure at idle and under load
- Formulated for turbo charged engines and those fitted with Exhaust Gas Recirculation (EGR) systems.
- Superior sludge and soot control for a cleaner engine
- Additional seal conditioner to rejuvenate seals and gaskets to slow or stop oil leaks
- Suitable for heavy towing and/or operation in high ambient temperatures
- Suitable for high mileage trucks, 4WD and utes
- Not suitable for vehicles with Diesel Particulate Filters (DPFs)

SPECIFICATIONS

The additive technology used in TOP DOG HDZ-50 20W-50 meets and exceeds the following performance specifications:

- SAE Viscosity 20W-50
- API CI-4/SL
- ACEA E7
- Allison C4
- Caterpillar ECF-2, TO-2
- Cummins 20078
- Global DHD-1
- JASO DH-1
- Mack EO-N Premium Plus
- MAN 271, 3275
- Mercedes-Benz sheet 228.3, 229.1
- MTU Type 1, Type 2
- Volvo VDS-3

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747

Phone: 02 9673 9600 - **Fax:** 02 9623 6466 - **Email:** sales@gulfwestern.com.au - **Web:** www.gulfwestern.com.au

ACN: 087 558 398



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PRODUCT DATA SHEET

TOP DOG HDZ-50 20W-50

PREMIUM MINERAL DIESEL ENGINE OIL

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 Oil on: 02 9673 9600.

TYPICAL CHARACTERISTICS

TOP DOG HDZ-50	Test Method	Units	Results
Density @ 15°C	ASTM D7042	kg/L	0.88
Kinematic Viscosity			
@ 40°C	ASTM D7042	cSt	188
@ 100°C	ASTM D7042	cSt	20.4
Viscosity Index	ASTM D2270	-	127
Apparent Viscosity @ -15°C	ASTM D5293	cP	8,400
Pour Point	ASTM D97	°C	-27
Flash Point (COC)	ASTM D92	°C	>230
Total Base Number	ASTM D2896	mgKOH/g	10.9
Sulphated Ash	ASTM D874	% mass	1.35

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

AVAILABLE PACK SIZES

205L - 300346 , 20L - 320346

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