

**DESCRIPTION**

TOP DOG 20W-50 CI-4 is a premium 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, vans and utes
- Not suitable for vehicles with Diesel Particulate Filters (DPFs)

**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

ATF DEX III	TEST METHOD	UNITS	RESULTS
DENSITY @ 15°C	ASTM D1298	kg/L	0.88
KINEMATIC VISCOSITY @ 40°C	ASTM D445	cSt	170
@ 100°C	ASTM D445	cSt	19.5
VISCOSITY INDEX	ASTM D2270	-	131
APPARENT VISCOSITY AT -15°C	ASTM D5293	cP	7,110
POUR POINT	ASTM D97	°C	-27
FLASH POINT (COC)	ASTM D92	°C	238
TOTAL BASE NUMBER	ASTM D2896	mgKOH/g	9.2
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.*

**STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION**

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 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.

**AVAILABLE PACK SIZES**

205LT - #300237 and 18LT - #318237

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