

TECHNICAL DATA SHEET

TOP DOG XDO RANGE



DESCRIPTION

The Top Dog XDO range of oils are multi-grade heavy-duty engine oils that meets some of the latest and highest engine oil performance specifications. The combination of premium quality base stocks and the latest technology performance additives results in an engine oil of supreme capabilities. Top Dog XDO engine oils provides excellent soot controls, easy cold-weather start-up, high levels of wear protection under full load and high speed operations. Top Dog XDO engine oils have been formulated to meet the needs of new generation low-emission diesel engines operating on low-sulphur fuel, as well as those older engines running on high-sulphur diesel. The Top Dog XDO range is recommended for high performance diesel and gasoline engines, naturally aspirated or turbo-charged where either API CI-4, CH-4, CG-4, CF, SL or earlier performance standards are called for.

Top Dog XDO engine oils are suitable for many on and off-road applications including construction, forestry, mining, marine and for stationary engines including those used for power generation. The high TBN reserve of the Top Dog XDO range of oils makes them suitable for use with both low or high sulphur fuels and in engines operating high levels of EGR.

SUMMARY OF BENEFITS

- Premium performance for mixed fleet operations
- Superior soot and wear control
- Robust reserve alkalinity (TBN) and high performing dispersant chemistry for outstanding acid neutralization and sludge control
- Enhanced frictional properties result in improved fuel economy and extended engine life
- Excellent, stay-in-grade performance ensure viscosity integrity and reduced oil consumption across the drain interval
- Superior oxidation and thermal stability for extended oil drain intervals
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SPECIFICATIONS

SAE GRADE	10W-30	10W-40
API	CI-4/CH-4/CG-4/CF-4/CF/SL	
ACEA	E-7	E-7
CATERPILLAR	ECF-2	ECF-2
CUMMINS	CES 20078	CES 20078
DAIMLER	MB 228.3	MB 228.3
DETROIT DIESEL	–	DDC 93K215
MTU	OIL CATEGORY 2	OIL CATEGORY 2
MACK	EO-N/EO-M PLUS	EO-N/EO-M PLUS
MAN	M3275-1	M3275-1
RENAULT	RLD-2	RLD-2
VOLVO	VDS-3	VDS-3
JASO	DH-1	DH-1

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TOP DOG XDO RANGE	300127	300126
SAE GRADE	10W-30	10W-40
DENSITY, KG/LITRE @ 15°C	0.871	0.872
COLOUR ASTM	3.0	3.0
KINEMATIC VISCOSITY		
MM ² /S @ 40°C	71	107
MM ² /S @ 100°C	11.0	15
VISCOSITY INDEX	145	145
CCS @ -15C, cP	-	-
CCS @ -20C, cP	-	-
CCS @ -25C, cP	5500	6390
HTHS @ 150°C, cP	3.5	3.6
POUR POINT, °C	-42	-42
FLASH POINT COC, °C	230	230
SULPHATED ASH, % wt	1.3	1.3
TBN, mgKOH/G	10.8	10.6

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

#300127 - 10W-30, #300126 - 10W-40

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GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

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