

**DESCRIPTION**

Top Dog XDO Plus SLL 5W-40 is a synthetic, Super Long Life (SLL) Heavy Duty Diesel engine oil that meets the latest engine oil performance specifications. The combination of synthetic base stocks and the latest, low SAPS additive technology results in an engine oil of supreme performance capable of extra long service life. Top Dog XDO Plus SLL 5W-40 provides excellent soot control and high levels of wear protection under full load and high speed operations. Top Dog XDO Plus SLL 5W-40 has been formulated to meet the needs of diesel engines operating in harsh operating environments by extending the useful service life beyond that of mineral oils. Top Dog XDO Plus SLL 5W-40 is recommended for high performance diesel engines, naturally aspirated or turbo-charged, where either API CK-4/SN or earlier performance standards are called for. Also suitable in mixed fleets using LP Gas or Gasoline powered engines.

Top Dog XDO Plus SLL 5W-40 is suitable for many on and off-highway applications including road transport, construction, forestry, mining, marine and for stationary engines including those used for power generation. The high TBN reserve and exceptional soot handling of Top Dog XDO Plus SLL 5W-40 makes it suitable for use with both low or high sulphur fuels and in engines operating high levels of EGR.

**SUMMARY OF BENEFITS**

- Synthetic formulation offers outstanding protection in all conditions
- Superior oxidation and thermal stability for extended oil drain intervals, even in harsh conditions
- 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
- 20,000KM oil drain interval

**SPECIFICATIONS**

- SAE 5W-40
- API CK-4/SN
- ACEA E11
- CATERPILLAR ECF-3
- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- JASO DH-2
- MAN 3575
- MACK EOS 4.5
- MB 228.31
- RENAULT TRUCK RLD-4
- VOLVO VDS-4.5

TOP DOG XDO PLUS SLL 5W-40	TEST METHOD	UNITS	RESULTS
DENSITY @ 15°C	ASTM D1298	kg/L	0.86
KINEMATIC VISCOSITY @ 40°C	ASTM D445	cSt	94
@ 100°C	ASTM D445	cSt	14.3
VISCOSITY INDEX	ASTM D2270	-	157
APPARENT VISCOSITY @ -30°C	ASTM D5293	cP	6100
COLOUR	ASTM D1500	-	<4.0
POUR POINT	ASTM D97	°C	<-42
FLASH POINT (COC)	ASTM D92	°C	>200
TOTAL BASE NUMBER	ASTM D2896	mgKOH/g	10.0

*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**

1LT - #301250 AND 7L - #307250

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