



MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

PRODUCT DATA SHEET

**TURBO MAX-SD SAE 15W-40
(Severe Duty Premium Engine Oil)**

Description:

TURBOMAX SD is a severe duty premium diesel engine oil developed for new generation diesel vehicles to meet severe performance requirements of new generation diesel engines and is suitable for Trucks, Buses, Cars, LCV, HCV, MUV, Tractors, Generators, Earth moving equipment and on off high way equipment where API CH4 performance SAE 15w40 grade oil recommended. Also suitable for new generation petrol vehicles where API SL performance SAE 15w40 grade oil is recommended

Specification:

Meets the performance requirements of API CH4/ SL, MB 228.3, MAN 3275, Volvo VDS-2, CUMMINS CES 20077

Available in packs of Bulk, 210, 50LTR, 20LTR,10LTR,5LTR,1LTR,500ML

Application:

TURBOMAX -SD SAE 15W-40 are Severe duty Premium lubricating engine oils recommended for use in heavy duty diesel engines operated under both low speed, high load and high-speed low road conditions used in both heavy duty On-highway and Off-highway applications, where effective control on oxidation stability, bearing corrosion, oil thickening, piston cleanliness and oil consumption is required. Oils designed for this service may also be used when API service category CH-4 is recommended for diesel engines.

Performance benefits:

- Excellent engine cleanliness and deposit control
- Excellent thermal and oxidation stability
- Excellent protection from wear, rust and corrosion
- Excellent all-weather performance
- Control on oil consumption and thickening
- Makes engine start easier and enhance battery life.
- Extended engine life

Physiochemical characteristics:

CHARACTERISTICS	TEST METHOD IS : 1448 P:SERIES	IS:13656 – 2002 SAE 15W 40	TURBOMAX SD SAE 15W-40
1. Appearance	Visual	Clear, bright and free from turbidity and sediment	
2. *ASTM Colour	P : 12	---	gold
3. Viscosity @ 100°C cSt	P : 25	12.5 – 16.3	13.5 – 15
4. Viscosity Index, Min	P : 56	135	135
5. Flash Point COC° C, Min	P ; 69	190	190
6. Pour point °C Max	P : 10	-24	- 24
7. Total Base Number	P : 86	---	11 (Typical)
8. Foaming tendency/stability a) @ 24°C, max b) @ 93.5°C, max c) @ 24°C (after the test at 93.5°C)	P :67	25/Nil 150/Nil 25/Nil	25/Nil 150/Nil 25/Nil

*also available in gold colour

- Performance additives / chemicals are blended as per recommended dosage level prescribed by additive manufacturer. Accordingly, the specification was reported
- Note: 1. ALSL policy is continual improvement. ALSL reserve the right to alter/modify/change specification without prior notice and approval
- The above data is indicative values only. Minor variations, which do not effect specification, performance (or) quality, may be expected in processing and blending
- Specific requirements shall be custom made on request