



MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

PRODUCT DATA SHEET

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

Description:

AUTO MAX -SD SAE 15W-40 oils are high quality, severe duty engine lubricating oil, processed from high viscosity index, base stocks with non dispersant viscosity index improver and a special additive system containing dosages of dispersants, metalloid organic detergents, oxidation and corrosion inhibitors, anti foamers and anti-wear additives to meet the requirements of the following performance standards. Recommended for use in models of TATA ACE, PIAGGIO APE, Mahindra champion, Force Minidor, Atul Shakti, Bajaj Vikram Autorickshaws and all other vehicles where API CH-4 performance SAE 15W-40 grade oil is Recommended.

Specification:

Meets the performance requirements of API CH-4 SAE 15W-40
Available in packs of 2.5LTR, 3LTR, BULK AND 210Ltrs

Application:

AUTO MAX -SD SAE 15W-40 is an excellent heavy-duty high viscosity index detergent engine oil for use in four stroke diesel, petrol, CNG and LPG engines for all seasons and suitable for commercial & passenger auto rikshaws and all other vehicles, Where API CH-4 performance SAE 15W-40 grade oils are recommended. Oils designed for this service may also be used when API service category CD 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

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Physiochemical characteristics:

CHARACTERISTICS	TEST METHOD IS : 1448 P:SERIES	IS:13656 – 2002 SAE 15W 40	AUTO MAX 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

- 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