MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

PRODUCT DATA SHEET

ATMA PSO MAX

(heavy duty pump set engine oil)

Description:

pump set oil is a high-quality mono grade pump set crankcase lubricating oil, processed from solvent refined high viscosity index group, I base stocks with a special additive system containing dosage of ashless dispersants, zinc di thiophosphates and metal-organic detergents, Oxidation, Corrosion inhibitors & Anti foaments, Antiwear additives to meet the requirements of the performance following standards. Available in mono grade of SAE 40

Specification:

Meets the below physiochemical characteristics of IS 13656 – 2002 [Specification for Internal Combustion Engine Crankcase oils (Diesel and Gasoline)] Type E-PL1 / E-DL1
API Service CC /SC US Military MIL – L - 2104B

PACKING: - Available in 3.5 Ltr

Application:

pump set oil is a mono grade crankcase lubricating oil, recommended for lubrication of Internal Combustion Engines, commercial vehicles and off-highway equipment. These oils are not recommended to use in two stroke gasoline spark ignition engines.
These Oils are also recommended for lubrication of engines used in stationary applications such as Generators, Compressors and Pumps wherever so recommended by manufacturers or adopted by users. These Engine Oils are also recommended for four stroke gasoline engines, where an oil meeting API SERVICE SB or SC is required.

Performance benefits:

- **Protection against corrosion to alloy bearings, ferrous and non-ferrous Engine components.**
- **Minimizes formation of deposits**
- **Prevents sticking of piston rings and clogging of Oil channels due to deposits**
- **Minimize wear of cylinders**

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Physiochemical characteristics:

CHACTERISTICS	TEST METHED IS :1448	IS:13656 – 2002 SAE 40	ALSL SAE 40
1. Appearance	Visual	Clear, bright and free from turbidity and sediment	
2. Colour*	P : 12	---	Red
3. Viscosity @ 100°C cSt	P : 25	12.5 – 16.3	13.0 – 15.0
4. Viscosity Index, Min	P : 56	90	90
5. Flash Point COC° C, Min	P ; 69	215	215
6. Pour Point °C, Max	P ; 10	-6	- 6
7. TBN mg KOH /Gm of Oil	P : 86	---	5 (Typical)
8. Foaming tendency / stability quantity of foam, ml/ml, Max a) at 24°C, Max b) at 93.5°C, Max c) at 24°C, after the test at 93.5°	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

2. The above data is indicative values only. Minor variations, which do not effect specification, performance (or) quality, way be expected in processing and blending

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