MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

PRODUCT DATA SHEET

GENERAL PURPOSE SPINDLE OILS

Description:

ATMA GENERAL PURPOSE SPINDLE OILS are processed from high quality high Viscosity Index lubricants processed from solvent refined base stocks. These lubricants have good inherent Oxidation stability. These lubricants are available in viscosity grades of VG 10, 12, 15 & 22.

Specification:

VG 10 & 22 Meets all physiochemical characteristics requirement of
IS: 493 – 1981 - Part II (Reaffirmed 1993)
VG 12 & 15 meets the below physiochemical characteristics

Available packs: Available in packs of 50 LTR, Bulk, 210LTR

Application:

ATMA GENERAL PURPOSE SPINDLE OILS are recommended for all general-purpose spindles for various non-critical (total loss) applications. Due to their high viscosity index VG 12 & VG 15 grades are recommended for high-speed textile spindles and wood working machine spindles bearings and high-speed machine tool bearings. These oils are also recommended for lubrication of timing gear cases, positive displacement blowers, tracer mechanism and hydraulic system of high precision machine tools.

Performance benefits:

- **Provide reduced power consumption because of the low viscosity with high viscosity index of the oil and satisfactory lubrication.**
- **Have good oxidation stability**

Address: ATMA Lubricants and Specialties Ltd, Plot 169,170,
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Physiochemical characteristics:

PARAMETER	TEST METHOD IS:1448,	VG 10	VG 12	VG 15	VG 22
Appearance	Visual	C & B	C & B	C & B	C & B
ASTM Colour, Max	P : 12	3.0	3.0	3.0	3.5
Kinematic Viscosity, CST @ 40^{O}C	P : 25	09 – 11	11 - 14	14 – 16.5	20 – 24
Viscosity Index, Min	P : 56	---	90	90	90
Flash Point (COC)^{O}C, Min	P : 69	144	144	144	180
Pour point ^{O}C, Max	P : 10	0	0	0	0
Inorganic Acidity	P : 2	NIL	---	---	NIL
Ash % by Mass, Max	P : 4	0.01	---	---	0.01
Copper strip corrosion	P :15	Not worse than No.1	---	---	Not worse than No.1
Total Acidity, Max	P : 2	0.15	---	---	0.15
Saponification value, Max	P :55	1.0	---	---	1.0

*** C&B – Clear, bright and free from water, dirt and other suspended impurities.**

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