

Mapco LubeAdd 3022 is an Additive to meet API SL/SM/ SN specifications in Four Stroke Engine. It can provide better lubricity along with anti-corrosion properties to increase engine life. Added friction modifier in LubeAdd 3022 provides smooth operation at a lower treatment rate.

Recommended Dosages:

API	SAE VISCOSITY GRADE	TREAT RATE
SL	20W40, 15W40, 20W50	5.20%
SM	20W40, 15W40, 10W30, 20W50	5.80%
SN	20W40, 15W40, 10W30	6.20%

Product Quality Characteristics:

PROPERTIES	TEST METHOD	TYPICAL VALUES
Appearance	Visual Inspection	Dark Brown Clear Liquid
Magnesium Content,%wt	ASTM D4951	0.90%
Calcium Content,% wt	ASTM D4951	2.20%
Zinc Content,% wt	ASTM D4951	0.80%
Phosphorus % wt	ASTM D4951	0.60%
Boron % wt	ASTM D4951	0.30%
Nitrogen, % wt	ASTM D2868	0.35%
TBN, mg KOH/gm	ASTM D2896	110
Flash Point	ASTM D92	Min 170
Molybdenum % wt	ASTM D4951	0.03%
Kinematic Viscosity in cst@ 100°C	ASTM D445	50-60

Package: The product is packed with 200kgs drums and 50kg of carbos

Product Storage / Handling / Transportation / Package:

The storage temperature should not exceed 50°C the loading/unloading and blending temperature should not exceed 60°C.