



ATOM CHEMICALS

P-2305

PMA (VISCOSITY INDEX IMPROVER).

Description:

P-2305 is a liquid alkyl methacrylate type polymer, specially designed for use as a Viscosity Index Improver (VII), in the formulation of premium high VI hydraulic oils, engine oils and Gear oils. Due to the very good shear stability index (SSI), low viscosity and outstanding Pour Point properties. It is specially recommended for high performance oils which are used in a wide range of temperatures.

Typical Characteristics:

PROPERTY	VALUE
Appearance	Clear/ Hazy Yellow Liquid
Density (g/ccm)	0.90±0.03 @ 25°C
Flash Point (COC)	>150°C
Viscosity cSt (100°C)	1000-1500
Shear Stability Index (SSI)	4 (30 Cycles)
(ASTM D6278, 30/250 cycles)	12 (250 Cycles)

Recommended Dosage:

Treat rate is 1-10% by weight of formulation depending upon desired viscosity. Following is Indicative treat rate in SN150 base oil to achieve desired viscosity grade and viscosity index.

VI Required	VG32	VG46	VG68
150	4.0%	5.0%	6.5%
170	5.5%	7.0%	9.0%

Handling, Safety & Storage:

Wear suitable Uniform with dust mask & gloves when handling chemicals. Avoid storing polymers >30°C for prolonged periods, avoid direct sunlight.

Packaging:

** 180Kg. Steel Drums. **



Progress to Zero Emissions

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