

TEXAPOL 2500

Olefin Copolymer (OCP) VI Improver

DESCRIPTION:

TEXAPOL 2500 is A premium, bale form, highly stable amorphous ethylene-propylene polymer with narrow molecular weight distribution, intended for use as a viscosity index improver (VII) in high quality mineral oil-based automotive crankcase lubricants.

DISSOLVING:

Cut polymer into the smallest practical pieces for the fastest dissolving. Dissolve with high agitation at 10 -12% wt. in desired 4-6 cSt base stock at 100°C (min) -120°C (max) until all polymer has been dissolved. This will typically take 4 - 8 hours. The exact dosage should be determined by preparing a laboratory test blend for the desired grade. Consult TEXAPOL Technical Department for specific recommendations. Use with a suitable pour point depressant.

PHYSICAL / CHEMICAL CHARACTERISTICS:

Properties	Specifications	Typical	Test Methods
Appearance	White solid	White solid	-
Ethylene Content (%)	50	50	ASTM D3900
Density @ 15 °C, kg/m3	To Be Report	0.86	ASTM D792
K. Viscosity 12% 150N/100°C (cSt)	900 – 1300	1100	ASTM D445
Thickening Efficiency (1% in 150N)	1.75 – 1.85	1.80	Internal
Viscosity Index (1% in Gr III 125 VI)	Min 165	175	ASTM D2270
Pour point 1% in SN150 + 0.3% PPD (°C)	Min -30	-33	ASTM D97
CCS 5W30 PCMO (Gr III Base) -30°C (cP)	Max 6600	6020	ASTM D5293
CCS 15W40 HDEO (Gr II Base) -20°C (cP)	Max 7000	5460	ASTM D5293
Permanent Shear Stability Index (PSSI)	23 - 25	24	ASTM D6022
MFR (190C/2.16Kg)	7-9	8	ASTM D1238

UNLOADING, STORAGE, AND BLENDING INSTRUCTIONS:

Wear suitable gloves when handling polymers. Repair any damage to boxes immediately as product can “cold-flow” and leak from the packaging. For further details please refer our Material safety data sheet.