

PTX8000 OCP Viscosity Index Improver

Description

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

Typical Physical Properties

PROPERTY	VALUE	METHOD
Appearance	White solid	-
Density	0.86	ASTM D792
Ethylene Content (%)	50	ASTM D3900
K. Viscosity 12% 150N/100°C (cSt)	1100±1200	ASTM D445
Thickening Efficiency (1% in 150N)	1.8±0.05	Internal
Viscosity Index (1% in Gr III 125 VI)	>165	ASTM D2270
Pour point 1% in SN150 + 0.3% PPD21 (°C)	<-30	ASTM 97
CCS 5W30 PCMO (Gr III Base) -30°C (cP)	6020	ASTM D5293
CCS 15W40 HDEO (Gr II Base) -20°C (cP)	5460	ASTM D5293
Permanent Shear Stability Index (PSSI)	22	ASTM 6022
MFR (190C/2.16Kg)	7-9	ASTM D1238

Typical physical properties do not constitute a sales specification and subject to change without notice.

Dissolving

Cut polymer in to smallest practical pieces for 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 - 8hours. Exact dosage should be determined by preparing a laboratory test blend for the desired grade. Consult PETRAX Technical Department for specific recommendations. Use with a suitable pour point depressant.

Packing

Available in 21 kg palletized boxes.

Safety, Handling and Storage

Wear suitable gloves when handling polymers. Repair any damage to boxes immediately as product can "cold-flow" and leak from the packaging.

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