

PTX8000 OCP

VISCOSITY INDEX IMPROVER

PRODUCT 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.

TECHNICAL DATA SHEET

TEST	UNIT	RESULTS	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 (190°C/2.16Kg)		7-9	ASTM D1238

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

DISSOLVING :

Cut polymer into 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 - 8 hours. 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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