PTX10000 *OCP Viscosity Index Improver*

Description

A solid, bale form, highly stable amorphous ethylene-propylene polymer with narrow molecular weight distribution, intended for use as an economical viscosity index improver (VII) in mineral oil based automotive crank case lubricants with excellent cold climate performance.

Typical Physical Properties

PROPERTY	VALUE	METHOD
Appearance	White solid	-
Density	0.86	ASTM D792
Ethylene Content (%)	50	ASTM D3900
K. Viscosity10% 150N (5.4 cSt)/100°C (cSt)	2315	ASTM D445
K. Viscosity1% 150N (5.4 cSt)/100°C (cSt)	12	ASTM D445
Pour point 1% in SN150 + 0.3% PPD21 (°C)	-31	ASTM 97
Permanent Shear Stability Index (PSSI)	45	ASTM 6022

Dissolving

Cut polymer in to smallest practical pieces for fastest dissolving. Dissolve with high agitation at 8 -12% wt. in SN150 or 150N 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.

Availability

Available in 25kg box.

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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