



PMA Pour Point Depressant G826P

Goncord series of Polymethacrylate (PMA) Pour Point Depressants, utilized polymethacrylate polymers produced using advanced free radical polymerization technology. These products offer the following advantages:

- **Excellent low-temperature performance:** Effectively control the formation and growth of wax crystals at low temperatures, thereby providing excellent low-temperature fluidity for the oil.
- **Superior Compatibility:** Outstanding solubility with various base oils and additives commonly used in lubricants. This makes them readily compatible with a wide range of lubricant formulations.

For specific requirements, Goncord offers custom-formulated pour point depressants. Optimizing the dosage to achieve the ideal balance between performance and cost-effectiveness, ensuring a solution that delivers the most value for your application.

Description

G826P is an advanced product that provides excellent low-temperature performance for various lubricating oils, including internal combustion engine oils, gear oils, and hydraulic oils. G826P offers exceptional pour point reduction and broad base oil compatibility, especially suitable for catalytic dewaxing base oils and high ethylene content OCP viscosity index improvers. As a versatile pour point depressant, G826P exhibits excellent anti-emulsification properties and is compatible with a wide range of base oils, such as Group II, Group III, Group III+, and hydrotreated base oil formulations.

Features

1. Excellent pour point reduction efficacy
2. Narrower molecular weight distribution
3. Universal product with wide applicability
4. Excellent demulsification performance

Typical Properties

Item	Typical values	Test method
Appearance	Colorless and Clear	Visual
Viscosity @100°C, mm ² /s	550	GB/T 265
Color	0.5	GB/T 6540
Density @20°C, kg/m ³	865	SH/T0604
Flash point, °C	180	GB/T 3536

Effect on Pour Point with Different Base Oil

G826P Weight, %	Pour Point, °C						
	70N	100N	150N	250N	150SN	400SN	600N
0	-32	-15	-25	-8	-15	-9	-9
0.3	-55	-55	-43	-35	-30	-24	-31

Effect on Pour Point with Different Dosage of G826P

150N Base Oil	G826P Pour Point Depressant			
G826P, wt %	0	0.5	1	1.25
Viscosity @100°C, mm ² /s	5.32	5.5598	5.90	6.00
Viscosity @40°C, mm ² /s	30.59	32.24	33.30	33.76
Viscosity Index	106	112	122	124
Pour point /°C	-25	-43	-43	-41