OCP Viscosity Index Improver
T615

Description

OCP VII T-615 ethylene-propylene copolymer, is manufactured using high-quality ethylene-propylene rubber as raw material through advanced processes. It boasts excellent shear stability, superior thickening capability, thermal stability, and significantly enhances the viscosity index of oils. It is a cutting-edge viscosity index improver.

Features

Outstanding thickening capability: Achieves significant thickening effects with minimal dosage, thereby enhancing cost-effectiveness.

Excellent shear stability: With an SSI value lower than 20, it ensures the long-term operation of engines.

Better viscosity-temperature performance: Maintains stable viscosity under different temperature conditions.

Superior high-temperature and high-shear viscosity: Meets the lubrication requirements of engines under high-temperature conditions.

Exceptional low-temperature start-up performance and high-temperature cleaning performance: Maintains good performance under various extreme conditions.

Improved thermal oxidation stability: Maintains stable performance under high-temperature conditions, prolonging service life.

Product Application

The viscosity index improver is primarily used as an additive in the preparation of multi-grade internal combustion engine oils, hydraulic oils, and gear oils. Adding viscosity index improvers to lubricating oils results in multi-grade oils with good low-temperature start-up performance and appropriate viscosity at high temperatures. This improves lubricating oil performance, enhances lubricating oil grades, extends lubricating oil service life, and makes the oil suitable for use throughout the year.

Recommended Dosage

It is recommended to add 1%-10% of this product when formulating oils.

Typical Properties

Item	Compliance Standards	Typical Results
Color	<2.0	0.5
Appearance	Transparent	Transparent
Density at 20°C, kg/m^3	Report	840.5
Viscosity at 100°C, mm^2/s	Report	2010
Flash point, °C	>185	210
Shear Stability Index (SSI)	<20	17.3
Dry Agent Content, %	-	15
Water Content, %	<0.05	0.006
Impurities, %	<0.08	0.04