

## **PMA VISCOSITY INDEX IMPROVER T6145 FOR GEAR OIL**

### **● Introduction**

T6145 is a high-grade polymethacrylate (PMA) viscosity index improver. Suitable for blending of hydraulic oil (especially low temperature hydraulic oil), gear oils products such as wheel oil, shock absorber oil, transmission oil, etc. It has excellent shearing stability to improve the viscosity index of the oil and improve the low temperature performance.

### **● Recommended Treat Rate (wt%):** 1-20

### **● Features**

1. Excellent shear stability.
2. Effectively increase the viscosity index.
3. Narrow molecular weight distribution.
4. Assist in pour point depression.
5. Wide application range.

### **● Specifications**

Item	Typical Value	Test Method
Appearance	Transparent Viscous Liquid	Visual
Chromaticity	0.5	GB/T 6540
Density (20°C), kg/m <sup>3</sup>	920	SH/T 0604
Flash Point (COC), °C	180	GB/T 3536
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	1600	GB/T 265

### **● Shear Stability Index SSI**

Shear Stability Index SSI	KRL 20h	45	SH/T 0845
	Diesel nozzle 250 cycles	8	SH/T 0103
	Diesel nozzle 30 cycles	4	SH/T 0103

The viscosity-temperature properties of T6145 are highly consistent with those of the international mainstream PMA VII in the market: