

## PMA VISCOSITY INDEX IMPROVER T6104 FOR GEAR OIL

### ● Introduction

T6104 is a viscosity index improver specially designed for GL-5 75W90 gear oil. It can meet the new national standard KRL shear and low temperature requirements of Brookfield viscosity.

### ● Specifications

Item	Typical Value	Test Method
Appearance	Transparent Viscous Liquid	Visual
Density (20°C), kg/m <sup>3</sup>	Report	GB/T 1884
Flash Point (COC), °C	180	GB/T 3536
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	16.86	GB/T 265
Kinematic Viscosity (100°C), mm <sup>2</sup> /s KRL 20h	20	SH/T 0845
Brookfield Viscosity mpa · s	112600	GB/T 11145
Pour Point, °C	-45	GB/T 3535

T6104 thickening properties in base oils with different viscosities (100°C kinematic viscosity):

T6104	70N	150N	500N
0	3.3	5.0	10.5
10%	5.3	8.0	15.1
20%	8.4	12.0	21.7

Performance Test - Shear Performance Comparison:

Sample	KV100 (10% dissolved in 150N)	KRL 20h after shearing, KV100	Viscosity Drop Rate	PSSI (KRL 20h)
Foreign Competitor PMA Viscosity Index Improver	7.845	7.248	7.61%	20.98
T6104	7.864	7.272	7.53%	20.67

● **Recommended Treat Rate (wt%):** 15-22

### ● Package, Handle & Storage

- Packed in 200L metal drum, IBC-Tank or made to order.
- Long term storage temperature should not exceed 45°C.
- Handle & blending temperature should not exceed 65°C.
- Not dangerous chemical, store in dry & clean warehouse.