



Viscosity Index Improver KHC4030

Product Description

KHC4030 is Hydrogenated styrene isoprene copolymer and used as the lubricant viscosity index improver. It can improve lubricant viscosity index, and make it have strong thickening ability, good low-temperature performance, and good shear stability. It can meet the requirements of multi-grade internal combustion engine oil, particularly the long-span multi-grade internal combustion engine oil.

This product is powder or fluffy particle, and has the advantages of low dissolution temperature and fast dissolution rate when blending viscosity index improver.

Physical Properties

ITEM		TEST METHOD	STANDARD
APPEARANCE		VISUAL	WHITE
YELLOW INDEX		HG/T 3862	REPORT
VOLATILITY	Wt, %	GB/T 24131. 1-2018	≤ 1.0
ASH CONTENT	Wt, %	GB/T 4498. 1-2013	≤ 0.50
DEGREE OF HYDROGENATION	%	Q/SH 1085 371-2020	≥ 97
BOUND STYRENE	Wt, %	GB/T 13646	4.0-6.0
NICKEL RESIDUE	mg/kg	Q/SH 1085 371-2020	≤ 20
THICKENING ABILITY	mm ² / S.	Q/SH 1085 371-2020	≥ 6.0
SHEAR STABILITY INDEX (SSI)	100 C	Q/SH 1085 371-2020	≤ 25
POUR POINT	C	GB/T 3535	≤ POUR POINT OF BAIS OIL

Storage and treatment of solution

The solution temperature into base oil can not higher than 120°C;

Long time exposure in light may affect the quality of the product, the product should be stored indoors with the original packaging and the temperature should not be higher than 70°C and avoid direct sunlight.