

Group III Base Oil ICCSYN 4

Technical specifications

Specification limits and measured results are separate. Results apply to the source sample or batch and may vary between deliveries.

Parameter / unit	Specification	Measured result	Test method
Appearance	Transparent	Transparent	Visual
Saybolt color	≥+30	+30	GB/T 3555
Density at 20 °C (kg/m³)	Report	812.7	GB/T 1884
Kinematic viscosity at 40 °C (cSt)	Measured	17.71	GB/T 265
Kinematic viscosity at 100 °C (cSt)	3.9-4.3	4.088	GB/T 265
Viscosity index	≥130	135	GB/T 1995
Pour point (°C)	≤-30	-33	GB 3535
Water (ppmw)	≤50	45	GB/T 11133
Noack evaporation loss at 250 °C, 1 h (wt%)	≤12	9.8	SH/T 0059
Flash point, open cup (°C)	≥200	245	GB/T 3536
Low-temperature dynamic viscosity at -35 °C (mPa·s)	<1800	1674	GB/T 6538
Aromatics (wt%)	≤0.1	Not detected	SH/T 0966
Sulfur (ppm)	≤5	<0.5	SH/T 0689

Source document: Dream_Petroleum_Product_Specifications_ICCSYN4_ICCSYN6.pdf