

Group II Base Oil 150N

Technical specifications

Inspection date: 2026-08-15

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	Clear, no flocculent matter	Clear, no flocculent matter	Visual
Kinematic viscosity at 100 °C (cSt)	Report	5.408	GB/T 265-1988
Kinematic viscosity at 40 °C (cSt)	29.0 to <34.0	31.23	GB/T 265-1988
Viscosity index	Report	108	GB/T 1995-1998
Saybolt color	Report	+30	GB/T 3555-2022
Flash point, open cup (°C)	≥200	220	GB/T 3536-2008
Pour point (°C)	≤-12	-24	GB/T 3535-2025
Cloud point (°C)	Report	-16	GB/T 6986-2014
Density at 20 °C (kg/m³)	Report	846.9	GB/T 1884-2000
Acid number (mg KOH/g)	≤0.02	0.004	GB/T 4945-2002
Sulfur (mass %)	Report	0.0002	SH/T 0689-2000
Nitrogen (mass %)	Report	0.0001	SH/T 0657-2007
Low temperature dynamic viscosity at -25 °C (mPa·s)	Report	2232	GB/T 6538-2022
Low temperature dynamic viscosity at -30 °C (mPa·s)	Report	4491	GB/T 6538-2022
Rotating pressure vessel oxidation at 150 °C (min)	≥200	350	SH/T 0193-2022
Noack evaporation loss at 250 °C, 1 h (mass %)	≤15	12.3	SH/T 0059-2010

Source document: Dream_Petroleum_150N_Specification.pdf