

Group II Base Oil 500N

Technical specifications

Inspection date: 2026-08-09

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 and transparent	Clear and transparent	Visual
Kinematic viscosity at 100 °C (cSt)	≥9.0	10.19	GB/T 265-1988
Kinematic viscosity at 40 °C (cSt)	Report	81.19	GB/T 265-1988
Viscosity index	≥95	107	GB/T 1995-1998
Color number	≤0.5	<0.5	GB/T 6540-2025
Flash point, open cup (°C)	≥230	254	GB/T 3536-2008
Pour point (°C)	≤-12	-21	GB/T 3535-2025
Cloud point (°C)	≤-3	-6	GB/T 6986-2014
Density at 20 °C (kg/m³)	Report	858.5	GB/T 1884-2000
Low temperature dynamic viscosity at -15 °C (mPa·s)	≤7000	4585	GB/T 6538-2022
Rotating pressure vessel oxidation at 150 °C (min)	≥250	360	SH/T 0193-2022
Air release at 50 °C (min)	Report	4.5	SH/T 0308-1992

Source document: Dream_Petroleum_500N_Specification.pdf