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PRODUCT SPECIFICATION

Product Name:	BASE OIL 150N
Date of Production:	2026/4/27

Item	Unit	Specification	Typical Value	Method
Kinematics Viscosity at 100°C	mm ² /s	4.8-5.8	5.263	ASTM D445 / GB/T 265
Appearance	-	Clear & Bright	Clear & Bright	Visual observation
Saybolt color	-	≥ +27	□ +30	ASTM D156 / GB/T 3555
Viscosity Index	-	≥100	111	ASTM D2270 / GB/T 1995
Flash Point-Open cup	°C	≥220	228	ASTM D92 / GB/T 3536
Pour Point	°C	≤ -15	-20	ASTM D97 / GB/T 3535
Acid Number	mg(KOH)/g	≤0.01	□0.01	ASTM D974 / GB/T 4945
Saturated hydrocarbon	%(m/m)	≥97	□99.50	ASTM D7419 / SH/T 0753
Density @20°C	kg/m ³	825-870	845.4	ASTM D4052 / SH/T 0604
Sulfur	mg/kg	≤10	0.2	ASTM 5453 / SH/T 0689
Oxidation stability (Rotating pressure vessel method, 150°C)	min	≥300	342	ASTM D2272 / SH/T 0193
Evaporation loss (Noack method, 250°C, 1h)	%(m/m)	≤15	11.1	ASTM D5800 / SH/T 0059
Demulsibility 54°C (40-40-0)	min	≤10	5	ASTM D1401 / GB/T 7305
Apparent Viscosity by CCS at -20°C	mPa·S	report	1408	ASTM D5293 / GB/T 6538

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