

**SANYANG PETROLEUM**

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PRODUCT SPECIFICATION

Product Name:	BASE OIL 150N
Date of Production:	2026/3/19

Item	Unit	Specification	Typical Value	Method
Appearance	-	Clear & Bright	Clear & Bright	Visual observation
Kinematics Viscosity at 40°C	mm²/s	report	35.99	ASTM D445 / GB/T 265
Kinematics Viscosity at 100°C	mm²/s	5.50-6.50	6.096	ASTM D445 / GB/T 265
Viscosity Index	-	≥100	116	ASTM D2270 / GB/T 1995
Colority	-	≤0.5	□0.5	ASTM D1500 / GB/T 6540
Saybolt color	-	≥30	□30	ASTM D156 / GB/T 3555
Flash Point-Open cup	°C	≥200	240	ASTM D92 / GB/T 3536
Pour Point	°C	≤ -10	-12	ASTM D97 / GB/T 3535
Acid Number	mg(KOH)/g	≤0.01	-	ASTM D664 / GB/T 7304
Saturated hydrocarbon	%	≥90	□99.9	ASTM D7419 / SH/T 0753
Density @20°C	g/cm³	report	0.8419	ASTM D4052 / SH/T 0604
Sulfur	mg/kg	≤5	0.359	ASTM 5453 / SH/T 0689
Oxidation stability (Rotating pressure vessel method,150°C)	min	≥300	336	ASTM D2272 / SH/T 0193
Evaporation loss (Noack method,250°C,1h)	%	≤15	6.7	ASTM D5800 / SH/T 0059

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