

TYPICAL VALUE OF NAPHTHENIC BASE OIL

Property	Unit	Test method	V2	V2(I)	V2(II)	V4	V7	V9	V22	V34	V36	V100	V160	V300	V1000
Density (20°C)	kg/m³	ASTM D4052	832.8	835.4	838.1	873.8	-	889.5	912.5	917.5	903.4	908.7	912.5	907	929.2
Flash Point	°C	ASTM D93	65.5	72	85.5	110	-	138	173	-	206	240	-	-	-
Flash Point	°C	ASTM D92	-	-	138	-	-	175	-	-	212	258	228	-	-
Viscosity (40°C)	mm²/s	ASTM D445	1.465	1.604	1.796	3.27	6.62	8.983	22.32	32.90	32.66	92.3	152.2	277.6	1014
Viscosity (100°C)	mm²/s	ASTM D445	-	-	-	3.653	4.133	5.328	8.619	10.00	15.27	23.97	-	-	-
Pour Point	°C	ASTM D97	<-60	<-60	<-70	<-60	-53	-48	<-30	<-35	<-50	-22	-18	-15	-4
Color, Saybolt	-	ASTM D156	>+30	>+30	>+30	>+30	>+30	+30	+25	+25	+30	+24	>+30	+30	-
Copper Corrosion, 50°C, 3h	-	ASTM D130	<1	<1	<1	-	1	-	-	-	-	-	-	-	-
Acid Number	KOH mg/g	ASTM D664	-	0.04	-	0.007	-	0.05	-	-	-	-	0.0162	-	-
Sulfur Content	mass %	ASTM D4294	0.01	0.01	0.01	<0.001	0.14	<0.001	-	0.094	0.42	0.67	0.002	<0.005	0.0314
Aniline Point	°C	ASTM D611	-	-	-	80.55	70	70	-	-	98	103.4	94	-	-
Refractive Intercept	-	ASTM D1218	-	-	-	-	1.5001	1.5032	-	-	1.4948	1.4924	1.5080	-	-
Viscosity Gravity Constant	-	ASTM D25021	-	-	-	-	0.878	0.88	-	-	0.8519	0.8347	0.847	-	-
CA	%	ASTM D2140	0	0	0	0.0023	0.00097	1	12.9	14.0	-	7	0	0	10.9
CN	-	-	-	-	-	62	48	46.9	-	40	56.7	49.2	47.5	-	-
CP	-	-	-	-	-	37	39.7	39.1	-	53	43.3	50.8	41.6	-	-

Marketed & Distributed by Sanyang Petroleum.