

### \*\*\*Specification of Base Oil

Item	Test Method	Specification			Typical (11.7.13)		
		70N	150N	500N	70N	150N	500N
Density 15°C, kg/L	ASTM-D4052	Report	Report	Report	0.8491	0.8542	0.8713
Viscosity @100°C, cSt	ASTM D-445	Report	5.0~5.6	10~12	2.978	5.242	10.27
Viscosity @40°C, cSt	ASTM D-445	11~14	Report	Report	12.55	29.49	86.66
Viscosity Index, min	ASTM D-2270	Report	105	95	84	109	99
Color, max	ASTM D-1500	<0.5	+0.5	+0.5	<0.5	<0.5	<0.5
Pour Point, °C, max	ASTM D-97	-30	-15	-12	-30	-20	-21
Flash Point, °C, min	ASTM D-92	165	210	230	192	222	250
Evaporative Loss, Noack, wt%, max	ASTM D-5800	-	15	Report	-	13.6	4.4
Sulfur, ppm, max	ASTM D-2622	10	10	10	<3	<3	<3
Saturates, wt%, min	HPLC	-	99	99	>99	>99	>99
Aromatics, wt%, max	HPLC	-	1	1	<1	<1	<1
Appearance	Visual	B & C			B & C		

\* B&C = Bright and Clear @ ambient room temperature