

SPECIFICATION

NAPHTHENIC BASE OIL (K-500)

PROPERTIES	UNIT	LIMITATION		TEST METHOD
		MIN	MAX	
KINEMATIC VISCOSITY @ 40 °C	cST	94.4	103.3	ASTM D445
KINEMATIC VISCOSITY @ 100 °C	cST	8.0	9.0	ASTM D445
KINEMATIC VISCOSITY @ 100 °F	SUS	500	550	ASTM D2161
VISCOSITY INDEX		14	38	ASTM D2270
GRAVITY @ 60 °F	API	19.3	23.5	ASTM D4052
FLASH POINT (COC)	°C (°F)	195 (380)		ASTM D92
POUR POINT	°C (°F)		-15 (+15)	ASTM D97
COLOR			2.0	ASTM D1500
SULFUR CONTENT	MASS %		0.10	ASTM D4294
DMSO EXTRACT	WT %		3.0	IP 346