



Masimo Chemicals South Africa (Pty) Ltd

Technical Data Sheet

Base Oil 600

Product Name Base Oil 600

Typical Characteristics

Characteristic	Unit	Method	Minimum	Maximum
Density at 15°C	kg/l	ASTM D4052	0.8905	
Aspect	-	VISUAL	Clear and Bright	
Viscosity at 40°C	cSt	ASTM D445	109	125
Viscosity at 100°C	cSt	ASTM D445	11.99	
Viscosity Index	-	ASTM D2270	95	
Pour Point	°C	ASTM D5949/5950		-6
Flash Point C.O.C.	°C	ASTM D92	265	
ASTM Color	-	ASTM D1500		2
Carbon Residue (Micro Method)	% wt.	ASTM D4530		0.15
Sulphur	% wt.	ASTM D4294	1.14	
Acid Number	(mg. KOH/g.)	ASTM D664		0.05
Crackle Test		CEPSA		Negative
Water (Karl-Fischer)	ppm	ASTM D6304	120	

According to the client's requirement the PCA Extracted test will be performed by the IP 346 Method, with a specified value of <3.0% (wt.).

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