



Masimo Chemicals South Africa (Pty) Ltd

Sales Specification

Masimo Base Oil 6

Product:	:	Masimo Base Oil 6
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Typical Properties

Property	Method of Test	Specified Value	Notes
Appearance at 25°C	ASTM D4176-1	Pass	a
Cold Cranking viscosity (CCS) @ -30°C, mPa s	ASTM D5293	4500 max	
Colour	ASTM D1500	0.5 max	
Colour, Saybolt	ASTM D156 or ASTM D6045	To be reported	b
Density at 15°C, kg/m ³	ASTM D4052 or ASTM D1298	To be reported	
Flash Point, Cleveland Open Cup °C	ASTM D92	220 min	
Flash Point, PMCC. °C	ASTM D93	To be reported	
Noack Volatility, mass %	CEC L-40-93 Proc. B	8.0 max	
Odour	NM 105-1998-EN	Marketable	
Pour Point, °C	ASTM D5950	-15 max	
* Saturates, mass%	ASTM D7419	95 min	
Sulphur, mg/kg	ASTM D2622 ASTM D5453	10 max	
UV-absorbance			
Wavelength 280 to 289 nm, note c	FDA:21CFR178.362 0(b)	To be reported	c
Wavelength 290 to 299 nm, note c	FDA:21CFR178.362 0(b)	To be reported	c
Wavelength 300 to 329 nm, note c	FDA:21CFR178.362 0(b)	To be reported	c
Wavelength 330 to 350 nm, note c	FDA:21CFR178.362 0(b)	To be reported	c



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Viscosity, Kinematic, cSt at 100°C at 40°C	ASTM D445	5.800 – 6.200 31.00 – 35.00	
Viscosity Index	ASTM D2270	125 min	
Water Content, mg/kg	ASTM D6304	50 max	

- a Clear and bright liquid without solid particles.
- b Colour determination “referee” method will be ASTM D156
- c Absorbance per centimetre optical pathlength

(N)otes: * Denotes addition or change

Warranty/Disclaimer

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