



Product Name Process Oil 150

Description Paraffinic process oil
The Process Oil 150 is a paraffinic process oil for general purpose.

Typical Characteristics

Characteristic	Units	Method	Minimum	Typical	Maximum
Density at 15°C	kg/l	ASTM D4052		0.8743	
Aspect	-	Visual		Clear and Bright	
Viscosity at 40°C	cSt	ASTM D445	28	30	32
Viscosity at 100°C	cSt	ASTM D445		5.23	
Viscosity Index	-	ASTM D2270	102	103	
Pour Point	°C	ASTM D5950			-15
Aniline Point	°C	ASTM D611		99.1	
Flash point, C.O.C.	°C	ASTM D92	210	238	
ASTM color	-	ASTM D1500			1
Micro carbon residue	% wt.	ASTM D4530			0.05
Sulphur	% wt.	ASTM D4294		0.72	
Acid no.	(mg. KOH/g.)	ASTM D664			0.05
Crackle Test		CEPSA		Negative	
Ash Content	% (w/w)	ASTM D482		<0.001	
Water Content (Karl-Fischer)	ppm	ASTM D 6304		100	
Coefficient of Thermal Expansion	1/°C	ASTM D696		0,0008	
* Carbon Distribution					
% Paraffinics		IR BRANDES		62.8	
% Naphthenics				33.2	
% Aromatics				4	



Masimo Chemicals South Africa (Pty) Ltd

Technical Data Sheet

Process Oil 150

Purity:

- **Meets 21 CFR 178.3620(c):** Non Food Use
- Upon customer's request, the PCA extract test will be performed by the IP 346 Method, with a specified value of <3.0% (by mass).

(*) The characteristics marked with an asterisk are considered as informative purposes, and they are not listed in the quality certificate.

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