



Masimo Chemicals South Africa (Pty) Ltd

Sales Specification

Masimo Base Oil 4

|                 |   |                   |
|-----------------|---|-------------------|
| <b>Product:</b> | : | Masimo Base Oil 4 |
|-----------------|---|-------------------|

### Typical Properties

| Property   | Method of Test              | Specified Value | Notes |
|--|-----------------------------|-----------------|-------|
| Appearance @ 25 °C                               | ASTM D4176-1                | Pass            | a     |
| Cloud Point, °C                                  | ASTM D5771 or<br>ASTM D5773 | To be reported  |       |
| Cold Cranking viscosity<br>(CCS) @ -30 °C, mPa s | ASTM D5293                  | 1800 max        |       |
| Color  | ASTM D1500                  | 0.5 max         |       |
| Color, Saybolt                                   | ASTM D156 or<br>ASTM D6045  | +20 min         | b     |
| Density at 15 °C, kg/m <sup>3</sup>              | ASTM D4052 or<br>ASTM D1298 | To be reported  |       |
| Flash Point, Cleveland Open<br>Cup °C            | ASTM D92                    | 220 min         |       |
| Flash Point, PMCC, °C                            | ASTM D93                    | To be reported  |       |
| Noack Volatility, mass %                         | CEC L-40-93 Proc. B         | 14.8 max        |       |
| Odor   | NM 105-1998 EN              | Marketable      |       |
| Pour Point, °C                                   | ASTM D5950                  | -15 max         |       |
| * Saturates, mass%                               | ASTM D7419                  | 95 min          |       |
| Sulphur, mg/kg                                   | ASTM D2622<br>ASTM D5453    | 10 max          |       |
| UV-absorbance                                    |                             |                 |       |
| Wavelength 280 to 289 nm, note<br>c              | FDA:21CFR178.3620<br>(b)    | To be reported  | c     |
| Wavelength 290 to 299 nm, note<br>c              | FDA:21CFR178.3620<br>(b)    | To be reported  | c     |
| Wavelength 300 to 329 nm, note<br>c              | FDA:21CFR178.3620<br>(b)    | To be reported  | c     |



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| Wavelength 330 to 350 nm, note c                 | FDA:21CFR178.3620 (b) | To be reported                  | c |
| Viscosity, Kinematic, cSt<br>at 100°C<br>at 40°C | ASTM D445             | 4.200 – 4.400<br>To be reported |   |
| Viscosity Index                                  | ASTM D2270            | 121 min                         |   |
| Water Content, mg/kg                             | ASTM D6304            | 50 max                          |   |

(N)otes:

a Clear and bright liquid without solid particles.

b Color determination “referee” method with be ASTM D156

c Absorbance per centimetre optical pathlength

\* Denotes additional or change.

### Warranty/Disclaimer

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