



AN HF SINCLAIR BRAND

Specifications for
HYDROBRITE® 380 PO White Mineral Oil

<u>PROPERTIES GUARANTEED</u>	<u>TEST METHOD</u>	<u>LIMITS</u>
Specific Gravity @ 25°C/25°C	ASTM D4052	0.860/0.873
Kin. Viscosity @ 40°C, mm ² /s	ASTM D445	70/90
Acidity	USP (current revision)	PASS
Readily Carbonizable Substances	USP (current revision)	PASS
Solid Paraffin	USP (current revision)	PASS
Limit of Polycyclic Aromatic Hydrocarbons	USP (current revision)	PASS
Sulfur Compounds	USP (current revision)	PASS
Odor	LATM 092	NONE
Color, Saybolt	ASTM D156	30 min.
Smoke Point, °C	LATM 141	138 min.
Pour Point, °C	ASTM D97	- 9 Max.
Refractive Index@ 25°C	ASTM D1218	1.472/1.478
Flash Point, COC, °C	ASTM D92	250 Min.
GC Distillation, 5%, °C	ASTM D2887	415 Min.
Water, ppm	ASTM D6304	50 Max.
Residual Solvents, Reportable Quantity	USP 467	None
Infrared Absorption	USP197F	Pass

Hydrobrite® 380 PO is a Mineral Oil USP meeting requirements for USP (current revision) and FDA requirements as per 21 CFR 172.878 and 21 CFR 178.3620(a).

Supplemental Properties For HYDROBRITE® 380 PO White Mineral Oil
Not Guaranteed or Reported on Certificate Of Analysis

Supplemental Properties	Test Method	Typical	EU Limits
Saybolt Viscosity @ 100°F, SUS	ASTM D2161	407	N/A
Paraffinic Carbon, %	ASTM D3238	68.9	N/A
Kinematic Viscosity @ 25°C, cSt	ASTM D341	171	N/A
Kinematic Viscosity @ 100°C, cSt	ASTM D445	9.66	8.5 min.
Average Molecular Weight	ASTM D2502	503	480 min.
Carbon Number at 5% Distillation Point	ASTM D2887	> 26	25 min.

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Safety Data Sheets for the products mentioned herein. All sales are subject to Sonneborn's standard terms and conditions of sale, copies of which are available upon request and which are part of Sonneborn invoices and/or order acknowledgments. Except as expressly provided in Sonneborn standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.
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