

# Kixx PureWhite

Ultra High-Quality White Oil



**Description** Kixx PureWhite is a high performance highly refined mineral oil that consist of saturated aliphatic and alicyclic nonpolar hydrocarbons.

**Features** Kixx PureWhite is highly saturated white oil with colorless and tasteless, odorless.

- Excellent Oxidation / UV Stability
- Chemically and Biologically Stable
- Meet FDA requirement 21 CFR 172.878
- Meet USP/NF 48 and NSF H1, HX1, 3H

**Application** Food, Cosmetics, Pharmaceutical, Agriculture, Plastic, Polymers, Toiletries, Textile, Adhesives

## Typical Test Data

Analysis	Method	2F	3F	4F	5F	6F	8F
Appearance	ASTM D4176	C&B	C&B	C&B	C&B	C&B	C&B
API Gravity at 60 F	ASTM D1298	38	38	38	35	35	35
Density at 15°C, kg/L	ASTM D4052	0.834	0.834	0.834	0.852	0.847	0.852
Color, Saybolt	ASTM D156	+30	+30	+30	+30	+30	+30
Viscosity at 40°C, cSt	ASTM D445	8.13	13.4	20.4	28.3	36.8	47.8
Viscosity at 100°C, cSt	ASTM D445	2.33	3.23	4.34	5.18	6.32	7.52
Viscosity Index	ASTM D2270	99	107	122	114	122	123
Molecular Weight	ASTM D2502	282	342	393	412	457	491
Pour Point, °C	ASTM D6749	-43	-28	-22	-23	-26	-28
Flash Point, COC, °C	ASTM D92	162	174	222	224	242	256
Sulfur Content, ppm	ASTM D5453	0.0	0.0	0.0	0.0	0.0	0.0
Refractive Index at 20°C	ASTM D1218	1.46	1.46	1.46	1.47	1.47	1.47
UV Absorption@260~269nm	ASTM D2269	0.003	0.045	0.042	0.078	0.059	0.059
Carbon Structural Group	ASTM D3238						
Cp, %		64	68	78	71	75	75
Cn, %		36	32	22	29	25	25
Ca, %		0	0	0	0	0	0
Total Aromatics, % by HPLC	ASTM D7419	0	0	0	0	0	0
Total Saturates, % by HPLC	ASTM D7419	100	100	100	100	100	100
Carbonisable Substances	ASTM D565	Pass	Pass	Pass	Pass	Pass	Pass
21.CFR 172.878	FDA	Pass	Pass	Pass	Pass	Pass	Pass
NSF H1, HX1, 3H	NSF	Pass	Pass	Pass	Pass	Pass	Pass
USP/NF 48	USP	Pass	Pass	Pass	Pass	Pass	Pass

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

**Safety** Please refer to the MSDS before using.

**Handling** All white oils may darken and develop an odour if exposed to direct sunlight or stored at elevated temperatures. Accordingly, these products should be stored at room temperature or lower, and not kept in clear glass containers located in direct sunlight.

**Package** Bulk cargo, Flexibag container, ISO tank container