

JAX WHITE MINERAL OILS

NSF H1 AND 3H REGISTERED, KOSHER/PAREVE CERTIFIED



FOOD GRADE

PRODUCT DESCRIPTION

The most important feature of white oil is purity, which is defined by its level of refining. White oil refinement grading systems define Technical, NF and USP grade oils, which are all approved for indirect food contact use. NF and USP grades are for areas with direct exposure to food products. National Formulary (NF) and United States Pharmacopeia (USP) grade white oils ensure the highest purity for applications that demand direct food contact.

JAX White Mineral Oils ISO 15, 22, 32, 46, 68 & 100 are produced with the highest quality hydro cracked/isodewaxed Group II base oils providing a water white, tasteless, and odorless fluid. They demonstrate excellent color stability and are resistant to thermal and oxidative degradation.

Depending on viscosity grade, JAX White Mineral Oils meet the requirements of National Formulary (NF) or United States Pharmacopeia (USP). They are NSF registered, accepted for incidental food contact (NSF H1) and as release agents to prevent food from adhering during food processing (NSF 3H).

PRODUCT BENEFITS

- **Excellent Color Stability**
- **Resistant to Thermal and Oxidative Degradation**
- **Meets FDA 21 CFR 172.878**
- **NSF H1 Registered; Meets FDA 21 CFR 178.3570**
- **NSF 3H Registered; Meets FDA 21 CFR 178.3620 (b)**
- **Micronox® Technology**—A groundbreaking advance in food grade technology developed with exceptional performance in preserving and protecting food grade lubricants from microbial contamination.
- **Kosher and Parve Certified**

APPLICATIONS

- Recommended for numerous applications in food processing facilities for anti-rust coatings and spray down applications



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TYPICAL PROPERTIES	ISO15	ISO22	ISO32	ISO 46	ISO 68	ISO 100	METHOD
Approximate ISO Grade	15	22	32	46	68	100	ASTM D 2422
Approximate SAE Grade	5	10	10/20	20	20	30	SAE J300
Viscosity @ 40°C, cSt	15.5	21.7	32.2	47.1	66.0	106.9	ASTM D 445
Viscosity @ 100°C, cSt	3.45	4.29	5.47	6.9	8.6	11.9	ASTM D 445
Viscosity @ 100°F, SUS	80	107.4	150	219	304	510	ASTM D 88
Viscosity @ 210°F, SUS	40	40.3	44	48.8	54.4	65.7	ASTM D 88
Viscosity Index	95	103	104	101	101	100	ASTM D 2270
Pour Point, °F (°C)	-26 (-32)	-2 (-19)	5 (-15)	-10 (-23)	12 (-11)	7 (-14)	ASTM D 97
Flash Point, °F (°C)	331 (166)	370 (188)	410 (210)	406 (208)	457 (236)	500 (260)	ASTM D 92
Fire Point, °F (°C)	376 (191)	385 (196)	464 (240)	428 (220)	500 (260)	558 (292)	ASTM D 92
Specific Gravity	0.8524	0.8565	0.860	0.8625	0.8676	0.8697	ASTM D 1298
Color	Clear	Clear	Clear	Clear	Clear	Clear	
Color, Saybolt	+30	+30	+30	+30	+30	+30	ASTM D 156
Carbon Residue, %	0.01	0.01	0.01	0.01	0.01	0.01	ASTM D 189
Neutralization Number, mg KOH	0.01	0.01	0.01	0.01	0.01	0.01	ASTM D 664
Ash, Mass %	0.001	0.001	0.001	0.001	0.001	0.001	ASTM D 482
White Oil Grade	NF	NF	NF	USP	USP	USP	
NSF Registration/Code	148626/3H	118827/H1, 3H	148627/3H	135707/H1, 3H	118828/H1, 3H	110727/H1, 3H	

JAX products undergo continual improvement in formulation and manufacture. The values indicated in this PDS are typical production values at the time of this writing. JAX reserves the right to alter and update product data and typical values at any time without notice. It is the responsibility of the installer and/or purchaser to determine if these specifications are adequate and proper for the intended application. SDS information may be found at www.jax.com or by contacting JAX INC.

CONTAINER SIZE	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
275 Gallon Tote	WM015-275	WM022-275	WM032-275	WM046-275	WM068-275	WM100-275
55 Gallon Drum	WM015-055	WM022-055	WM032-055	WM046-055	WM068-055	WM100-055
16 Gallon Keg	WM015-016	WM022-016	WM032-016	WM046-016	WM068-016	WM100-016
5 Gallon Pail	WM015-005	WM022-005	WM032-005	WM046-005	WM068-005	WM100-005
Gallon (4/cs)	WM015-004	WM022-004	WM032-004	WM046-004	WM068-004	WM100-004



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