



Product Specification Sheet

Mineral Oil 7 White NF (USP/NF)

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Product Name Mineral Oil 7 White NF
 CAS Number 8042-47-5
 Revised 8/4/15

Analysis	Test Method	Specification	Typical Values	CofA
Appearance	Visual	Clear and Bright	Clear & Bright	
Color, Saybolt	ASTM D156	30 Min	+30	
Viscosity, SUS @ 100°F	ASTM D2161	65 – 75	65 - 75	
Viscosity, cSt @ 40°C (USP/NF)	ASTM D445	≤ 33.5 cSt	10.8 – 13.6	
Viscosity, cSt @ 100°C	ASTM D445		2.95	
API Gravity	ASTM D4052		33.4 – 36.5	
Specific Gravity @ 60°F (USP/NF)	ASTM D4052	0.818 – 0.880	0.8423 – 0.8581	
Density, lb/gal @ 60°F			7.1	
Flash Point, COC, °F	ASTM D92	350 Min	360	
Pour Point, °F	ASTM D5950	-10 max	-20	
Readily Carbonizable Substances (USP/NF)	ASTM D565, USP	PASS	PASS	
Acidity (USP/NF)	USP	PASS	PASS	
Solid Paraffin (USP/NF)	USP	PASS	PASS	
Limit of Polycyclic Aromatic Hydrocarbons (USP/NF)	USP	PASS	PASS	
Limit of Sulfur Compounds (USP/NF)	USP	PASS	PASS	
Infrared absorption (USP/NF)	USP	PASS	PASS	
FDA 21 CFR 172.878 and 178.362(a)	ASTM D2269, FDA	PASS	PASS	

Mineral Oil 7 NF contains minimum 4 ppm and maximum 20 ppm d,l-alpha tocopherol (Vitamin E).
 CAS Number 8042-47-5: White Mineral Oil

Retest after one year to check fitness for use (recommended).
 Manufacturer certified to meet USP/NF monograph specifications for Light Mineral Oil.