

Renkert Oil

Food Grade White Oil Specifications

Renoil™

Renoil™ 60-W	Renoil™ 70-W	Renoil™ 90-W	Renoil™ 100-W	Renoil™ 130-W	Renoil™ 150-W	Renoil™ 180-W	Renoil™ 220-W	Renoil™ 350-W	Renoil™ 500-W
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Property

Viscosity SUS @ 100F	62	70	90	105	130	150	180	220	350	500
Viscosity cSt @40C	9-11	11.5-14.1	16-18	20	25	29	35	43	64-75	95
Viscosity cSt @ 100C	2.60	2.92	3.80	3.9-4.3	4.5-5.0	4.9-5.5	5.5-6.1	6.1-6.7	8.8	10-12.6
API Gravity	31.6	33.3	33.3	33.8	33.2	32.8	32.3	31.8	31.0	31.0
Specific Gravity @ 60F	0.87	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87
Density lb/gal @ 60F	7.22	7.15	7.15	7.13	7.15	7.17	7.20	7.22	7.25	7.25
Pour Point F (C) max	-27(-33)	-17(-27)	5(-15)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)	15(-9)	10(-12)
Flash Point F min (C) COC	345(174)	350(177)	350(177)	350(177)	350(177)	350(177)	350(177)	420(216)	420(216)	482(250)
Color Saybolt	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30

Specifications in **BOLD**

Meets all requirements for USP Light Mineral Oil, National Formulary (NF),
 FDA 21 CFR 172.878 and 21 CFR 178.3620 (a) for direct and indirect contact with food.

Renkert Oil

Technical Grade White Oil Specifications

	Renoil™ 60-T	Renoil™ 70-T	Renoil™ 90-T	Renoil™ 100-T	Renoil™ 130-T	Renoil™ 150-T	Renoil™ 180-T	Renoil™ 200-T	Renoil™ 220-T	Renoil™ 350-T	Renoil™ 500-T
Property											
Viscosity SUS @ 100F	62	70	90	105	130	150	180	200	220	350	570
Viscosity cSt @40C	9-11	11.5-14.1	15.5-17.5	20	25	35	35	39	42.87	60-75	110
Viscosity cSt @ 100C	2.60	2.92	3.80	3.9-4.3	4.5-5.0	4.9-5.4	5.6-6.1	6-6.5	6.1-6.7	8.80	10-12.6
API Gravity	31.6	33.3	33.3	33.8	33.2	32.8	32.3	31.9	31.8	31.0	30.4
Specific Gravity @ 60F	0.87	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87
Density lb/gal @ 60F	7.22	7.15	7.15	7.13	7.15	7.17	7.20	7.21	7.22	7.25	7.28
Pour Point F (C) max	-27(-33)	-17(-27)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)	10(-12)
Flash Point F min (C) COC	345(174)	350(177)	350(177)	350(177)	350(177)	350(177)	350(177)	350(177)	420(216)	420(216)	482(250)
Color Saybolt	+28	+28	+28	+28	+28	+28	+28	+28	+28	+28	+25

Specifications in **BOLD**

Meets all requirements for 21 CFR 178.3620 (b) for technical grade white oil.