

# Renkert Oil

## Food Grade White Oil Specifications

	<b>Renoil™</b> 60-W	<b>Renoil™</b> 70-W	<b>Renoil™</b> 90-W	<b>Renoil™</b> 100-W	<b>Renoil™</b> 130-W	<b>Renoil™</b> 150-W	<b>Renoil™</b> 180-W	<b>Renoil™</b> 220-W	<b>Renoil™</b> 350-W	<b>Renoil™</b> 500-W
Property										
Viscosity SUS @ 100F	62	70	90	105	130	150	180	220	350	500
Viscosity cSt @40C	<b>9-11</b>	<b>11.5-14.1</b>	<b>16-18</b>	20	25	29	35	43	<b>64-75</b>	95
Viscosity cSt @ 100C	2.60	2.92	3.80	<b>3.9-4.3</b>	<b>4.5-5.0</b>	<b>4.9-5.5</b>	<b>5.5-6.1</b>	<b>6.1-6.7</b>	8.8	<b>10-12.6</b>
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	<b>-27(-33)</b>	<b>-17(-27)</b>	<b>5(-15)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>15(-9)</b>	<b>20(-7)</b>
Flash Point F min (C) COC	<b>345(174)</b>	<b>350(177)</b>	<b>350(177)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>420(216)</b>	<b>420(216)</b>	<b>420(216)</b>
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

	<b>Renoil™</b> 60-W	<b>Renoil™</b> 70-W	<b>Renoil™</b> 90-W	<b>Renoil™</b> 100-W	<b>Renoil™</b> 130-W	<b>Renoil™</b> 150-W	<b>Renoil™</b> 180-W	<b>Renoil™</b> 200-W	<b>Renoil™</b> 220-W	<b>Renoil™</b> 350-W	<b>Renoil™</b> 500-W
Property											
Viscosity SUS @ 100F	62	70	90	105	130	150	180	200	220	350	570
Viscosity cSt @40C	<b>9-11</b>	<b>11.5-14.1</b>	<b>15.5-17.5</b>	20	25	35	35	39	42.87	<b>60-75</b>	110
Viscosity cSt @ 100C	2.60	2.92	3.80	<b>3.9-4.3</b>	<b>4.5-5.0</b>	<b>4.9-5.4</b>	<b>5.6-6.1</b>	<b>6-6.5</b>	<b>6.1-6.7</b>	8.80	<b>10-12.6</b>
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	<b>-27(-33)</b>	<b>-17(-27)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>	<b>10(-12)</b>
Flash Point F min (C) COC	<b>345(174)</b>	<b>350(177)</b>	<b>350(177)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>390(199)</b>	<b>420(216)</b>	<b>420(216)</b>	<b>482(250)</b>
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.