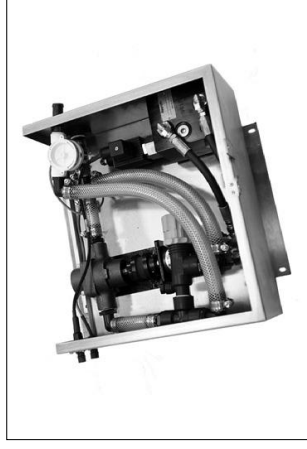


2 Variable Rate Return Oil Pre-Wet Unit

Variable Rate Return Oil Pre-wet System	
Pump Flow	0 – 10 gpm or 0 – 37 lpm
Max Pump Pressure	0 – 80 psi
Pump Type	Roller Design
Hyd Requirements	0 – 6 gpm total inlet flow to a max 2000 psi
Hydraulic Connections	3/4" JIC bulkhead fittings
Liquid Connections	3/4" barbed fittings

% CaCl <sub>2</sub>	Lbs/Mile											
	100	150	200	250	300	350	400	450	500	550	600	650
<b>1%</b>	1.86	0.07	0.09	0.12	0.14	0.16	0.19	0.21	0.23	0.26	0.28	0.30
<b>2%</b>	3.72	0.09	0.14	0.19	0.23	0.28	0.33	0.37	0.42	0.47	0.51	0.56
<b>3%</b>	5.58	0.14	0.21	0.28	0.35	0.42	0.49	0.56	0.63	0.70	0.77	0.84
<b>4%</b>	7.44	0.19	0.28	0.37	0.47	0.56	0.65	0.74	0.84	0.93	1.02	1.12
<b>5%</b>	9.30	0.23	0.35	0.47	0.58	0.70	0.81	0.93	1.05	1.16	1.28	1.40
<b>6%</b>	11.16	0.28	0.42	0.56	0.70	0.84	0.98	1.12	1.26	1.40	1.53	1.67
<b>7%</b>	13.02	0.33	0.49	0.65	0.81	0.98	1.14	1.30	1.47	1.63	1.79	1.95
<b>8%</b>	14.88	0.37	0.56	0.74	0.93	1.12	1.30	1.49	1.67	1.86	2.05	2.23
<b>9%</b>	16.74	0.42	0.63	0.84	1.05	1.26	1.47	1.67	1.88	2.09	2.30	2.51
<b>10%</b>	18.60	0.47	0.70	0.93	1.16	1.40	1.63	1.86	2.09	2.33	2.56	2.79
<b>11%</b>	20.47	0.51	0.77	1.02	1.28	1.53	1.79	2.05	2.30	2.56	2.81	3.07
<b>12%</b>	22.33	0.56	0.84	1.12	1.40	1.67	1.95	2.23	2.51	2.79	3.07	3.35
<b>13%</b>	24.19	0.60	0.91	1.21	1.51	1.81	2.12	2.42	2.72	3.02	3.33	3.63
<b>14%</b>	26.05	0.65	0.98	1.30	1.63	1.95	2.28	2.60	2.93	3.26	3.58	3.91
<b>15%</b>	27.91	0.70	1.05	1.40	1.74	2.09	2.44	2.79	3.14	3.49	3.84	4.19
<b>16%</b>	29.77	0.74	1.12	1.49	1.86	2.23	2.60	2.98	3.35	3.72	4.09	4.47
<b>17%</b>	31.63	0.79	1.19	1.58	1.98	2.37	2.77	3.16	3.56	3.95	4.35	4.74
<b>18%</b>	33.49	0.84	1.26	1.67	2.09	2.51	2.93	3.35	3.77	4.19	4.60	5.02
<b>19%</b>	35.35	0.88	1.33	1.77	2.21	2.65	3.09	3.53	3.98	4.42	4.86	5.30
<b>20%</b>	37.21	0.93	1.40	1.86	2.33	2.79	3.26	3.72	4.19	4.65	5.12	5.58
<b>21%</b>	39.07	0.98	1.47	1.95	2.44	2.93	3.42	3.91	4.40	4.88	5.37	5.86
<b>22%</b>	40.93	1.02	1.53	2.05	2.56	3.07	3.58	4.09	4.60	5.12	5.63	6.14
<b>23%</b>	42.79	1.07	1.60	2.14	2.67	3.21	3.74	4.28	4.81	5.35	5.88	6.42
<b>24%</b>	44.65	1.12	1.67	2.23	2.79	3.35	3.91	4.47	5.02	5.58	6.14	6.70
<b>25%</b>	46.51	1.16	1.74	2.33	2.91	3.49	4.07	4.65	5.23	5.81	6.40	6.98
<b>26%</b>	48.37	1.21	1.81	2.42	3.02	3.63	4.23	4.84	5.44	6.05	6.65	7.26
<b>27%</b>	50.23	1.26	1.88	2.51	3.14	3.77	4.40	5.02	5.65	6.28	6.91	7.53
<b>28%</b>	52.09	1.30	1.95	2.60	3.26	3.91	4.56	5.21	5.86	6.51	7.16	7.81
<b>29%</b>	53.95	1.35	2.02	2.70	3.37	4.05	4.72	5.40	6.07	6.74	7.42	8.09
<b>30%</b>	55.81	1.40	2.09	2.79	3.49	4.19	4.88	5.58	6.28	6.98	7.67	8.37



**Closed Loop Variable Rate Return Oil Pre-Wetting Units. Utilizes conveyor exhaust oil to control pre-wetting.**

Accurately control spreading at a pre-calibrated liquid ratio. This unit is hydraulically driven and incorporates a durable roller pump for long life and higher application rates. The driver simply uses the in-cab controller to dial up the desired application rate. This unit is fully proportional providing variable rates and optimum control. Up to 4 different liquid types and 9 different application rates per liquid can be preprogrammed into the controller. A flow meter is used for the feedback loop to the controller for constant accurate control of the liquid.

The unit is fully installed into a stainless steel enclosure for durability and protection against the elements. All fittings and mounting hardware are also designed to resist corrosion and vibration.

Complete Pre-Wet systems including tanks, plumbing kits, filler and flushing kits and spray-bars to suit all spreader types. Further expansion is possible for auxiliary uses such as dual conveyor/dual spinner operations.

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Variable Rate Return Oil Pre-Wet Unit