



ITEM	DESCRIPTION	MEASURING RANGE	ACTION
40	LEVEL LIMIT SWITCH	min. min	SHUTOFF
70	TEMPERATURE SENSOR PT100 (MEASURING TRANSDUCER)	T < 95°F T > 105°F T > MAX. 140°F	HEATER ON (ITEM 80-89) HEATER OFF (ITEM 80-89) ALARM
160	MEASURING TRANSDUCER (PRESSURE)	MIN. 730 PSI	MAIN MOTOR OFF
251	MEASURING TRANSDUCER (PRESSURE)	MIN. MIN. 2180 PSI MIN. 2250 PSI MAX. 2540 PSI	STAND BY PUMP ON (M3/M4) PUMP ON (M3/M4) PUMP OFF (M3/M4)
281.2	MEASURING TRANSDUCER (PRESSURE)	MIN. 730 PSI MAX. 870 PSI	DENIED OIL UNIT
282.2	MEASURING TRANSDUCER (PRESSURE)	MIN. 730 PSI MAX. 870 PSI	DENIED OIL UNIT
291	SOLENOID VALVE		CLOSED, OPEN BY POWER CUT
292	SOLENOID VALVE		CLOSED, OPEN BY POWER CUT
400	MEASURING TRANSDUCER (PRESSURE)	MIN. 730 PSI	MAIN MOTOR OFF
490	MEASURING TRANSDUCER (PRESSURE)	MIN. MIN. 15 PSI MIN. 17 PSI	ALARM STAND BY PUMP ON (M7/M8)
500	MEASURING TRANSDUCER (FLOW)	MIN. 80%	SHUTOFF
580	MEASURING TRANSDUCER (FLOW)	MIN. 80%	ALARM
590	MEASURING TRANSDUCER (PRESSURE)	MIN. MIN. 3 PSI MIN. 6 PSI	ALARM STAND BY PUMP ON (M9/M10)
605	MEASURING TRANSDUCER (DIFFERENTIAL PRESSURE)	MAX.	ALARM SHUTOFF LP-PUMP (M9/M10) AFTER 4 HOUR
620	SOLENOID VALVE	T = 115°F T = 105°F	OPEN CLOSE
681	SPEED MONITOR	n < min	STAND BY PUMP ON (M1/M2)
682	SPEED MONITOR	n < min	STAND BY PUMP ON (M1/M2)
683	SPEED MONITOR	n < min	STAND BY PUMP ON (M5/M6)
684	SPEED MONITOR	n < min	STAND BY PUMP ON (M5/M6)
821	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
822	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
823	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
824	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
825	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
826	TEMPERATURE SENSOR PT100	max. 140°F max. max. 150°F	ALARM SHUTOFF
831	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
832	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
833	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
834	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
835	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
836	MEASURING TRANSDUCER (PRESSURE)	min. 730 PSI max. 1160 PSI	MAIN MOTOR OFF ALARM
841	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
842	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
843	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
844	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
845	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
846	TEMPERATURE SENSOR PT100	max. 160°F max. max. 170°F	ALARM SHUTOFF
ITEM	DESCRIPTION	MEASURING RANGE	ACTION
60	THERMOMETER	32-212°F	
140	PRESSURE LIMITING VALVE		1450 PSI OPEN
150	PRESSURE GAUGE	0-3700 PSI	
170	THERMOMETER	32-212°F	
230	PRESSURE LIMITING VALVE		2755 PSI OPEN
260	PRESSURE GAUGE	0-3700 PSI	
279.3	SAFETY VALVE BLOCK		3045 PSI OPEN
281.1	PRESSURE GAUGE	0-3700 PSI	
282.1	PRESSURE GAUGE	0-3700 PSI	
301	PRESSURE REDUCING VALVE		870 PSI OPEN
302	PRESSURE REDUCING VALVE		870 PSI OPEN
311	TROTTLLE VALVE		6.6 g/MIN
312	TROTTLLE VALVE		6.6 g/MIN
380	PRESSURE LIMITING VALVE		1450 PSI OPEN
390	PRESSURE GAUGE	0-3700 PSI	
410	THERMOMETER	32-212°F	
470	PRESSURE LIMITING VALVE		174 PSI OPEN
480	PRESSURE GAUGE	0-230 PSI	
560	PRESSURE LIMITING VALVE		145 PSI OPEN
570	PRESSURE GAUGE	0-230 PSI	
811	PRESSURE GAUGE	29-2321 PSI	
812	PRESSURE GAUGE	29-2321 PSI	
813	PRESSURE GAUGE	29-2321 PSI	
814	PRESSURE GAUGE	29-2321 PSI	
815	PRESSURE GAUGE	29-2321 PSI	
816	PRESSURE GAUGE	29-2321 PSI	

