

Test Date: 03 26, 2012	50 - 450 HP SSR	Test Cell Used:	2
Test Time: 16:38	TEST REPORT	Tester:	GREG MOON

IDENTIFICATION

Machine Serial Number:	EE3401	Model:	EPE500/600-2SA/C
Machine Voltage:	460	Model ID:	EPE500/600-2SA/C
Airend Serial Number:	13950U12HX	Gearset:	22077648
Airend Part Number:	39816343	Airend Size:	297/250MM
Tank Manufacturer:	LAGRANGE	Tank NBN:	506876
Oil Clr. Manufacturer:	ROCORE	Oil Clr. Date Code:	01/2012
Aft Clr. Manufacturer:	ROCORE	Aft Clr. Date Code:	01/2012
Starter Type:	REMOTE	Starter Size:	0
Starter Part Number:	REMOTE	Fan Mtr Manufacturer:	RELIANCE/47223490
Motor Manufacturer:	RELIANCE@500	Motor Part Number:	24023921
Motor Style Number:	K1203150006	Intellisys Serial Number:	36092
Type of Coolant:	ULTRACOOOLANT	U.L. Serial Number:	N/A

PASS/FAIL CRITERIA

Main Motor BHP:	562.8 OK	Loaded V (mm/sec):	3.0 OK
Capacity (ACFM):	2347.2 OK	Loaded H (mm/sec):	3.0 OK
CAGI Spec Pwr (Bhp/100):	26.0 OK	Loaded A (mm/sec):	4.0 OK
Injected Oil Temp (F):	161.0 OK	Unloaded V (mm/sec):	4.0 OK
Air Inlet Temperature (°F):	89.8 OK	Unloaded H (mm/sec):	4.0 OK
Hot Unloaded Sump (psig):	26.0 OK	Unoaded A (mm/sec):	5.0 OK
MPCV Opening Pressure (psig):	71.0 OK	Scan/Intelli Delta P: (psig):	1.9 OK
Separator Delta P (psig):	3.0 OK	Scan/Intelli Delta T: (F):	N/A
Inj Oil/A/E Disch Delta T (F):	46.0 OK	Shutdown Temperature (F):	229.0 OK
Unloaded Pkg KW:	0.0		

FUNCTIONAL TESTS

NOZZLE DATA

AMBIENT CONDITIONS

Capacity (ICFM):	2341.4	Nozzle Size:	1.5000	Relative Humidity:	25.3
		Nozzle Coeff.:	0.9359	Ambient Air Temp (°F):	96.2
				Barometric Press (in Hg):	29.00

INTELLISYS READINGS

SCANNER READINGS

Pkg Discharge Pressure (psig):	123.0	Pkg Discharge Pressure (psig):	124.9
Pkg Discharge Temperature (°F):	199.0	Pkg Discharge Temperature (°F):	113.1
Airend Discharge Temp (F):	207.0	Nozzle Pressure (psig):	53.8
Full Load Sump Pressure (psig):	127.0	Nozzle Temperature (°F):	88.7
Hot Unloaded Inlet Vac (psig):	13.0	Water In Temperature (°F):	N/A
Hot Full Loaded Inlet vac (psig):	0.0	Water Out Temperature (°F):	N/A
		Coolant Flow (gpm):	108
		Water Flow (gpm):	N/A

POWER DATA

PERFORMANCE PARAMETERS

Volts AB:	476.4	Average Pkg Volts:	477.3	Min Capacity (CFM):	2328.0
Volts BC:	476.4	Avg. Pkg. Amps:	639.3	Nom Capacity (CFM):	2425.0
Volts CA:	479.1	Pkg Power In (kw):	455.0	Max Capacity (CFM):	2667.5
Amps A:	630.0	Main Motor Eff.:	0.960	Min Spec Power (hp/100):	22.2
Amps B:	629.3	Fan Motor Eff.:	0.930	Nom Spec Power (hp/100):	24.6
Amps C:	658.6			Max Spec Power (hp/100):	26.1
				CAGI Pkg Pwr In (hp):	596.8
				Min Unloaded Pkg Power (kw):	0.0
				Nom Unloaded Pkg Power (kw):	0.0
				Max Unloaded Pkg Power (kw):	0.0

Test Date: 03 26, 2012	50 - 450 HP SSR	Test Cell Used:	2
Test Time: 16:38	TEST RECORD	Tester:	GREG MOON

IDENTIFICATION

Compressor Model:	SSR-EPE500-2S	Volts:	460
Capacity:	2425	Phase/Herz:	3/60
Rated Operating Pressure:	125	Control Voltage:	120
Max. Disch. Pressure:	128	Serial Number:	EE3401U12086
Max. Modulate Pressure:	135	Contactora Amp Rating:	N/A
Nominal Drive Motor HP:	600	Assembly Amp Rating:	N/A
Nominal Fan Motor HP:	20	Locked Rotor Amp Rating:	N/A
Total Package Amps:	649		

Test Date: 03 27, 2012	50 - 450 HP SSR	Test Cell Used:	2
Test Time: 14:46	TEST REPORT	Tester:	GREG MOON

IDENTIFICATION

Machine Serial Number:	EE3402	Model:	EPE500/600-2SA/C
Machine Voltage:	460	Model ID:	EPE500/600-2SA/C
Airend Serial Number:	12925U12HX	Gearset:	22077648
Airend Part Number:	39816343	Airend Size:	297/250MM
Tank Manufacturer:	LAGRANGE	Tank NBN:	505814
Oil Clr. Manufacturer:	ROCORE	Oil Clr. Date Code:	01/2012
Aft Clr. Manufacturer:	ROCORE	Aft Clr. Date Code:	01/2012
Starter Type:	REMOTE	Starter Size:	0
Starter Part Number:	REMOTE	Fan Mtr Manufacturer:	RELIANCE/47223490
Motor Manufacturer:	RELIANCE@500	Motor Part Number:	24023921
Motor Style Number:	100R403M30X26	Intellisys Serial Number:	36100
Type of Coolant:	ULTRACOOLOANT	U.L. Serial Number:	N/A

PASS/FAIL CRITERIA

Main Motor BHP:	563.6 OK	Loaded V (mm/sec):	7.0 OK
Capacity (ACFM):	2349.2 OK	Loaded H (mm/sec):	4.0 OF
CAGI Spec Pwr (Bhp/100):	26.0 OK	Loaded A (mm/sec):	5.0 OK
Injected Oil Temp (F):	159.0 OK	Unloaded V (mm/sec):	7.0 OK
Air Inlet Temperature (°F):	77.9 OK	Unloaded H (mm/sec):	5.0 OK
Hot Unloaded Sump (psig):	35.0 OK	Unoaded A (mm/sec):	7.0 OK
MPCV Opening Pressure (psig):	60.0 OK	Scan/Intelli Delta P: (psig):	2.6 OK
Separator Delta P (psig):	3.0 OK	Scan/Intelli Delta T: (F):	N/A
Inj Oil/A/E Disch Delta T (F):	44.3 OK	Shutdown Temperature (F):	229.0 OK
Unloaded Pkg KW:	0.0		

FUNCTIONAL TESTS

NOZZLE DATA

AMBIENT CONDITIONS

Capacity (ICFM):	2345.2	Nozzle Size:	1.5000	Relative Humidity:	20.5
		Nozzle Coeff.:	0.9359	Ambient Air Temp (°F):	91.0
				Barometric Press (in Hg):	29.30

INTELLISYS READINGS

SCANNER READINGS

Pkg Discharge Pressure (psig):	121.0	Pkg Discharge Pressure (psig):	123.6
Pkg Discharge Temperature (°F):	196.0	Pkg Discharge Temperature (°F):	102.0
Airend Discharge Temp (F):	203.0	Nozzle Pressure (psig):	56.0
Full Load Sump Pressure (psig):	125.0	Nozzle Temperature (°F):	85.8
Hot Unloaded Inlet Vac (psig):	12.0	Water In Temperature (°F):	N/A
Hot Full Loaded Inlet vac (psig):	0.0	Water Out Temperature (°F):	N/A
		Coolant Flow (gpm):	112
		Water Flow (gpm):	N/A

POWER DATA

PERFORMANCE PARAMETERS

Volts AB:	474.1	Average Pkg Volts:	474.9	Min Capacity (CFM):	2328.0
Volts BC:	474.0	Avg. Pkg. Amps:	641.3	Nom Capacity (CFM):	2425.0
Volts CA:	476.7	Pkg Power In (kw):	455.6	Max Capacity (CFM):	2667.5
Amps A:	634.9	Main Motor Eff.:	0.960	Min Spec Power (hp/100):	22.2
Amps B:	633.1	Fan Motor Eff.:	0.930	Nom Spec Power (hp/100):	24.6
Amps C:	655.9			Max Spec Power (hp/100):	26.1
				CAGI Pkg Pwr In (hp):	596.8
				Min Unloaded Pkg Power (kw):	0.0
				Nom Unloaded Pkg Power (kw):	0.0
				Max Unloaded Pkg Power (kw):	0.0

Test Date: 03 27, 2012	50 - 450 HP SSR	Test Cell Used:	2
Test Time: 14:46	TEST RECORD	Tester:	GREG MOON

IDENTIFICATION

Compressor Model:	SSR-EPE500-2S	Volts:	460
Capacity:	2425	Phase/Herz:	3/60
Rated Operating Pressure:	125	Control Voltage:	120
Max. Disch. Pressure:	128	Serial Number:	EE3402U12087
Max. Modulate Pressure:	135	Contactora Amp Rating:	N/A
Nominal Drive Motor HP:	600	Assembly Amp Rating:	N/A
Nominal Fan Motor HP:	20	Locked Rotor Amp Rating:	N/A
Total Package Amps:	649		