RSS#		

RUBICON INC.

AGITATOR SPECIFICATION

					3	SPEC NO.	GA 505	3
						REV. NO.	0	BY RFT
UNIT	TDI	LOCAT	ION	RX Deck		PROJECT	EP-4806	3
OITI	101	200/11		11112331			1/15/98	
EQUIP.	NAME	R2-B Agitator	ITEM NO	O. GA-505 I	В	<i>D</i> , a		
LQOII .	147 11411-	TIL D'Agricio	11211111	0,,,000				
			VESS	EL CONDITIONS				
VESSEL I	NO	MR-505B		BAFFLES	Į.	Wall		
TYPE		Reactor		NO. OF BAFFLES		4	60g	
PRESSUR	RE	14-17 PSIG		BAFFLE WIDTH		8.58"		
		200 - 235ºF		BAFFLE HEIGHT		115"		
CAPACIT		6000 (Operating) 650	00 Total	BAFFLE SIDE CLEAF	RANCE	1.42"		
DIAMETE		8'9"		BAFFLE BOTTOM CL	EARANCE	22"		
HEIGHT		12'9" T/T						
воттом	TYPE	Dished		4" Standpi	pe in Rx/ 11	5" Tall		
TOP TYP	E	Dished						
				TING CONDITIONS				10
DESCRIP	TION OF M	IXING OPERATION	Mixing of I	Liquid Stream in Pool, C	Gas Retentio	n, Heat Tra	nsfer	
CONTINU	JOUS OR B	ATCH OPERATION	Continuou					
CLASS O	F AGITATIO	N			DEGREE C	F AGITAT	ION	
TOO MUC	CH AGITAT	ION WILL						
TOO LITT	LE AGITAT	ION WILL						
FLOW RA	ATE				TURN OVE			
LARGES1	T LEVEL	6000 Gal	NORMAL	6000 Gal	SMALLEST	•	6000 Gal	
FOAMING	3 TENDENC	SES						
BLENDIN	IG TIME (BA	TCH PROCESS)						
WITHDRA	AWAL RATE	(CONTINUOUS PRO	CESS)	83,000 #/hr. 1288 Fts	3/Hr.			
COMPON	NENT ADDIT	TION RATE (CONT. P	ROCESS)					
	See Atta	ched Sheet				1ST COMP	PONENT	
						2ND COM	PONENT	
						3RD COM	PONENT	
		12				4TH COMF		
						4111 OOW	ONLIVI	
CINIAL OT	ATE DEOLI	IRED (BATCH PROCE	266/					
	The second secon	CH PROCESS)	200)					
		OSION DUE TO	Reaction	By Products				
CONNOS	SION ON EN	OSION DOL 10		1 by 1 Toddolo				
DEMADE	·C·	Mounting Flange	to be 150#	20 inch diameter.	See PO 9	7-6462.		
REMARK	.0.	TAG GA-505 B	10 00 1001	20 mon diamotor.	000100	0.02.		
		1AG GA-303 B						
DR. MAO	11111 0	HK. ACC	CT. NO.	CERTIFIED BY,	DATE	SPEC	NO.	SHEET
APPD.				CERTIFIED BY,	1/30/98	GA-50	05A	1 of 1
0	For Purch	lan	1.5	0-57 CAV	70) 0			
13								
13								
18								
1.41				1_!				

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BEARINGS *

DATE

FULL LOAD AMPS

VOLTS/PHASE/CYCLES 460/3/60

TEMP. RISE

SPEC NO. GA 505B

LUBE *

RUBICON INC.

Page 2		AGITATOR SI	PECIF	CATIO	N			
190 No						SPEC NO	GA 505B	
		-				REV. NO		Y RFT
UNIT TDI	LOCATION	ON BX	Deck				EP-4806	
ONT TO	LOOMIN	011	DOON			•	1/15/98	
EQUIP. NAME R2-B	Agitator	ITEM NO.		GA-505	B	DATE		
EGOIF. NAME 112-07	Agitator	TILWING.		G/1 000		-		
AGITATOR MFR. LIGHT	NIN	SIZ	ES &	TYPE	780S50			
				OLIEET				
		AGITATOR I						
		COMPONENT	S TO E	BE MIXED				
								FINAL
COMPONENTS	1ST	2	ND		3RD		4TH	MIXTURE
TYPE OF LIQUID	ODCB	TDI	333		PHOSGEN	1E	TDA(HCI)2	
TYPE OF SOLID							Crystalline	
QUANTITY %	75	13	3(?)		7		4 (?)	
SP. GRAVITY @ 210	< 1.3	1.	.21		1.16		N/A	
VISCOSITY @ 210	0.56*	C).7		0.18		N/A	
SOLUTION PH								
*Worst		ODCB (50ºF) P=1						
		ESIGN AND C	CONS	TRUCTION	ON	*VENDC	R TO SPEC	IFY
IMPELLER SPEED *	84 RPM			IMPELLE	R MATERIA	L*	316 SS with I	HAST C276
IMPELLER TORQUE *				SHAFT M	IATERIAL*		316 SS	Hardware
IMPELLER TYPE *	A-320			SHAFT B	EARING TY	PE*		
NO. IMPELLERS/SHAFT *	3	3		QUILL BE	ARING TYP	E *		
NO. BLADES/IMPELLER *	3	3		COUPLIN	IG TYPE *			
IMPELLER SHAFT DIA *	6" Steppe	d to 4"		COUPLIN	IG GUARD *		Yes	
TYPE MOUNTING	20" 150 lb	o. Flange		PACKING	TYPE *			
SPEED RANGE *	84 RPM			NO. OF P	ACKING RII	NGS *		
MOUNTING SUPPORT *				Account process and parties of	IICAL SEAL		Borg Warner	the second contract of the second
							n Carbide vs C	arbon
IMPELLER DIAMETER *	56"				MIXER & CF	PLG *	8400 lbs	
SHAFT LENGTH *		Mounting Flange			- GEARS *		included abov	/e
TYPE SPEED REDUCTION U	NIT *	Rt. Angle Gear			- MOTOR *		700 lbs.	
STEADY BEARING *	No	Double Reduction	on	TOTAL W			9100 lbs.	
STABILIZING RING	No			OUTLINE			DS - E - 511E	3
LOCATION/ANGLE					SECT. DWG.	*	L - 16 598B	
DRIVER SPECIFICATION								
	OR DRIVER				Marine Hereso	GEAR L		
FURNISHED BY: LIGHTNIN	MTD BY:	LIGHTNIN		FURNISH			MTD BY	
S.F. = 1.15 High Efficiency De				ITEM NO.				
HP * 50 RPM *	1750	FRAME * 3261		DESIGN	HP *,	MAX. HP	x	
MFR. Prefer Reliance 841 XL				MFR.				
TYPE	INSUL.	Class F		SIZE & T	YPE *		···	

AGMA SERVICE FACTOR *

BEARINGS *

LUBE *

SHEET NO. 2 of 2