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TAG	ITEM	QTY	MANUFACTURER	DESCRIPTION	MFG ITEM NUMBER	MANUFACTURER MODEL CODE	L&H ITEM NO.
QUANTITIES LISTED ARE FOR COMPLETE DRAWING SET							
SOL-G33	1	5	ALEMITE CORP	38072-B1 STRAINER	38072-B1	-	74010265
SOL-G32	2	3	DYNA-POWER	SVE2-240 SOLENOID VALVE 24VDC	SVE2-24D	-	900052857
SOL-G31	2A	3	DYNA-POWER	VE1-72 GREASE SOLENOID VALVE SUB PLATE	VE1-72	-	900052820
	3	3	NOSHOK	PRESSURE GAUGE, 0 TO 5,000 PSI (0 TO 340 BAR), 2-1/2" FACE, LIQUID-FILLED 304SS CASE, 1/4" NPT CENTER REAR CONNECTION	25-911-5000-PSI/BAR	-	900120117
XS-G31	4	1	GRACO	527-007-110 PROX. SWITCH, FOR MAMX/MXP, 20-28VDC, 4-PIN CH. FSM, 150,000,000 CYCLE, 0.189G (1)	557752	527-007-110	296002533
	4A	3	GRACO	570-999-937 4-PIN CABLE W/STRAIGHT CONNECTOR, POLARITY - NPN, 12 FOOT CABLE	558968	570-999-937	296002632
	5	1	GRACO	MXP-NPT-P-4-100S-100L-100S-25S SERIES PROGRESSIVE METERING VALVE	-	-	889043500
	6	3	GRACO	MSP-NPT-MS-P-35TCB-35T-10SCR-10S SERIES PROGRESSIVE METERING VALVE	-	-	889043501
	7	1	GRACO	MSP-NPT-MS-P-5-25S-25S-25S-05T SERIES PROGRESSIVE METERING VALVE	-	-	889043502
	8	1	GRACO	MSP-NPT-MS-T-P-40SCR-36S-40SCL-35S-35SOR-35SCL-15T SERIES PROGRESSIVE METERING VALVE	-	-	889043773
	9	3	GRACO	MSP-NPT-MS-P-4-30TCB-30T-05SCR-05S SERIES PROGRESSIVE METERING VALVE	-	-	889043505
	10	1	GRACO	MSP-NPT-MS-P-5-15S-15L-15S-10L SERIES PROGRESSIVE METERING VALVE	-	-	889043506
	11	1	GRACO	MSP-NPT-P-4-P-30S-30L-10SCR-10LS SERIES PROGRESSIVE METERING VALVE	-	-	889043771
PU-G30.1	12	1	LINCOLN	2010 50.1 RATIO PUMP M ODEL 84995	2010	50.1 RATIO PUMP	454001284
	13	2	REXROTH	HYDRAULIC CHECK VALVE	R800456137	S15A1 0/12	504151520
	14	2	LINCOLN	8T412 DRUM COVER	8T412	DRUM COVER	454000785
	15	2	LINCOLN	83369 FLOW COVER 400 LB	83369	FOLLOWER 400 LB	454000715
LAL-G30.1	16	2	GRACO	526-100-440 LOB-120 LB LOW LEVEL ASSY	564394	LOB-120 LB LOW LEVEL ASSY	296003642
LAL-G30.2	17	2	REXROTH	HYDRAULIC PRESSURE CONTROL VALVE	R800352672	DBDS6G1X315/12	504534690
	18	2	NOSHOK	PRESSURE GAUGE	25-911-5000-PSI WIPMC	0-5000 PSI, 2 1/2" FACE, LIQUID-FILLED, 1/4" NPT BACK MOUNTED 0-5000 PSI	461088003
XS-G33	19	2	GRACO	PROX. SW ASSY-4PNM5P O RING	557747	527-004-112	296003604
	20	2	HYDAC	HYDRAULIC BALL VALVE	2066858	KHB-16NPT-1114-16KAL, BLOCK HOUSING BALL VALVE, 1/2" NPT PORTS, CARBON STEEL BODY, OFFSET STEEL BOLT-ON HANDLE,ZINC PLATED LOCKING DEVICE	432003431
	21	9	PARKER	HYDRAULIC BALL VALVE	VP500P-8	1/2" FEMALE NPT W/ LOCKING HANDLE	9271020092
	22	2	AVENTICS	FILTER/REGULATOR/LUBRICATOR	R432002014	AS3ACT-N012-GAU-600-PBP-HIG-05-00-LBS-P	9000052903
SOL-G30.1	23	2	MAC	SOLENOID VALVE 24VDC	56C-13-501CA SOLENOID VALVE	56C-13-501CA SOLENOID VALVE	109100041
SOL-G30.2	24	1	WATTS FLUIDAIR	PNEUMATIC FILTER	F802-042A	FILTER, 1/2" PORTS, POLY BOWL WIGLARD, 40 MICRON	233612000A
	25	1	WATTS FLUIDAIR	PNEUMATIC REGULATOR	R119-04C	REGULATOR, 1/2" PORTS, 0-125PSIG	233506000A
	26	2	L&H	HOSE ASSEMBLY, 3/4"	-	F722TC-02-06-20-12-12	889043834
	27	2	DNCH	3/4" CONICAL MUFFLER	DMF88	3/4NPT	426234860
	28	1	WATTS FLUIDAIR	PNEUMATIC PRESSURE GAUGE	R432001460	2" DAL, NPT, 1/4" O-160PSIG	233553000
	31	3	L&H	NEMA 4 JUNCTION BOX, 6" x 6" x 4"	8018098	JB000504HC	496811906
	32	1	L&H	NEMA 4 JUNCTION BOX, 12" x 12" x 6"	8017528	WM121200HC	496810235
SHIP LOOSE							
PSL-G30	33	2	BUUR	PRESSURE SENSOR / SWITCH	UR2001	-	900189496
PSLL-G30	34	40	SWAGelok	MALE CONNECTOR, 1/4"NPT x 10T	SS-10M0-1-4	-	900209292T
	35	34	SWAGelok	CHECK VALVE 10T	SS-10CMM-1	-	900209284T
	37	34	SWAGelok	PORT CONNECTOR, 10T	SS-10M1-PC	-	900209285T
	38	34	SWAGelok	FEMALE BRANCH TEE, 1/4"NPT	SS-10M0-3TTF	-	900209286T
	39	28	SWAGelok	UNION ELBOW, 10T	SS-10M0-9	-	900209287T
	40	28	SWAGelok	FEMALE ADAPTER, 1/2"NPT x 10T	SS-10M1A-7-8	-	900209288T
	41	40	SWAGelok	MALE CONNECTOR, 1/8"NPT x 10T	SS-10M0-1-2	-	900209289T
	42	12	L&H	HOSE ASSEMBLY, 1/4"	-	F487TC-06-06-4-4-4-47	889041100
	43	34	ALEMITE CORP	BUTTONHEAD GREASE FITTING	-	A1186	740001098
	44	2	PARKER	MALE CONNECTOR	GE20511/18UNCF	MALE O-RING BOSS X 20MM FLARELESS TUBE EO FITTING	9276002257
	45	2	ANCHOR	SAE SOCKET WELD COUPLING	820-16	FEMALE 1-5/16-12 X 1.328 SW	900064008
	46	2	LH	SOCKET WELD REDUCER INSERT	1000753MFS58	1.325" OD X 1.065" (SW TO 20MM OD PIPE)	900212888
LB-G30	47	1	LH	FRAME ASSEMBLY	N/A	CUSTOM FABRICATION	N/A
	48	2	PARKER	O-RING BOSS FITTING	16-12 F500S-S	#16 MALE SAE O-RING X #12 FEM SAE O-RING	276024937
	49	24	ADAPTELL	MALE JIC X METRIC STANDPIPE	9200-04-10	MALE JIC X METRIC STANDPIPE	339009751
	50	12	SWAGelok	UNION STRAIGHT, 10T	SS-10M0-0	-	900148829

TOSYALI
ARZEW REGION OF ALGERIA
SPEC: 3857-LB-01S

DRAWING REFERENCES:
- MIDREX 3857-LB-01S
- L&H 889043508LMC

BOM NOTES:
- ITEM 34 - 40PC TOTAL 12 INSTALLED, 28PC SHIP LOOSE
- ITEM 41 - 40PC TOTAL 38PC INSTALLED, 2PC SHIP LOOSE
- ITEMS 36, 37, 38 & 43 ARE PRE-ASSEMBLED BY L&H (QTY 34)
- ITEMS 42 AND 49 ARE PRE-ASSEMBLED BY L&H
- ITEMS 26, 44, 45, 46 & 48 ARE PRE-ASSEMBLED BY L&H

CHANGE ITEMS 17, 42, 44, ADD ITEMS 48, 49, ADD SETTING ITEM 17	BJ	01JUN17	
UPDATED TAGS, BOM, LAYOUT PER NOTES FROM MIDREX SUBMITAL FEEDBACK	JJ	3MAY17	
ITEM 3 TO PSI/BAR, ADDED ITEMS 27 AND 28, CHANGE ITEM 19, INCREASE ITEM 1 QTY TO 5	BW	29MAR17	
ENGINEERING REVIEW COMPLETE, RELEASED TO PROJECT MANAGEMENT	JJ	3/21/17	
FOR QUOTE	JJ	2/28/17	
REV	DESCRIPTION	DRN	DATE



Livingston & Haven
1515 WILMAR BOULEVARD • CHARLOTTE, NC 28273
PHONE: (704) 588-3670 FAX: (704) 588-5435

PLOT SCALE: 1"=10'-0"
SCALE: NTS
DRAWN BY: JJENSEN
DATE: 28-FEB-2017
SHEET 1 OF 5

TITLE: LUBRICATION SYSTEM BOM & REV HISTORY
CUSTOMER: MIDREX
DRAWING NO.: 889043508LSC
REV: 4

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