



TOROMONT ENERGY SYSTEMS
JUN 02 2005
AS BUILT
 PER _____

BILL OF MATERIALS c/w FRAME			
No.	PART No.	DESCRIPTION	QUANTITY
501	NPN	ASHCROFT 0-3000 PSIG c/w FRAME	2
502	MCL-3	DIVIDER BASE BLOCK, MCL-3, 3 POSITION BASE	1
503	B-1482	FILTER, HOUSING, OIL, ARIEL	1
504	NPN	FILTER, INLINE, SINTERED, A-8723-K, 0.25" FNPT, 150 MICRON	1
505	A-3189	GAUGE, PRESSURE, 0-100 PSIG, BACK MOUNT, 1/4"NPT	2
506	A-3169	FILTER, LUBE OIL	1
507	C-1231	PUMP, GEAR, VIKING #AK493, 40GPM @ 867RPM, 3"-150#FF	1
508	NPN	PUMP, PLUNGER, PREMIER, A-9478, 3/8"	2
509	A-0124	RUPTURE DISK, PURPLE, 3250 PSIG, 0.25" HOLE DIAMETER	1
510	B84824	NIPPLE, 0.25" NPT	1
511	NPN	SWITCH, PROXIMITY, NO-FLOW, DNFT, A-10753, FITS TRABON LUBE BLOCKS, CSA CLASS I, DIV I, CRP B,C,D	2
512	A-3780	VALVE, CHECK, DOUBLE BALL, SOFT SEAT, SS	12
513	12A978	DIVIDER BASE BLOCK, MCL-4, 4 POSITION BASE	1
514	A-9587	WYE STRAINER, WITH PIPE	1
515	A-3531	RUPTURE DISK, YELLOW, 3700 PSIG, 0.125" HOLE DIAMETER	1
516	12A983	VALVE DIVIDER, LINCOLN, 12T, (0.012 STD)	2
517	13A387	VALVE DIVIDER, LINCOLN, 18T, (0.018 STD)	1
518	NPN	VALVE DIVIDER, LINCOLN, 30T, (0.030 STD)	1
519	-	-	-
520	-	-	-

BILL OF MATERIALS SUPPLIED BY T.E.S.I.			
No.	PART No.	DESCRIPTION	QUANTITY
521	NPN	CONTROLLER, LEVEL, KENCO, LCM-48, 0.5" FNPT, 6.5 PSIG MAWP, MAX 180°F, ARIEL JCC FRAME DIRECT MOUNT, ALUMINUM, CSA CLASS III TYPE 4	1
522	11A315	COUPLING, PIPE, AEROCQUIP 2", NH1600C200B0400	1
523	BF1307	FILTER, HOUSING, OIL, BALDWIN, BF1307, 0.75" FNPT	1
524	BF915	FILTER, ELEMENT, OIL, BALDWIN, BF915, SPIN ON	1
525	241-906	PUMP, PNEUMATIC, DIAPHRAGM, GRACO, 241-096, .75" FNPT	1
526	NPN	COOLER, OIL, SHELL & TUBE, ARIEL #B-2073, COPPER TUBES, MODEL # EK-1024-0	1
527	B8E057	SIGHT GLASS, REDLINE, PEACOCK, 411001108, 0.625" OD, 330 PSIG @ 100°F, 12" LG	1
528	TKC-K-250-40	THERMOCOUPLE, X TYPE, THERMOKINETICS K-250-316-006.0-B-80X99, 0.25" O.D. x 6.0" LG PROBE, UNGROUNDED JUNCTION, 40' LG CAPILLARY, 316 SS	1
529	88A186	THERMOMETER, BI METALLIC, TREND, 33025A006G40, 0.5" MNPT, 0-250°F, 3" FACE, 2.50" PROBE, 0.250" OD, DUAL SCALE	2
530	NPN	FILTER BREATHER, KIN MODEL# 62-1370, 1"-NPT	1
531	370003	THERMOWELL, 1210025304, 0.5" FNPT x 3/4" MNPT, 2.50" DEPTH, 0.260" BORE, 304 SS	3
532	NPN	TRANSMITTER, PRESSURE, BOURDON #Y913057H22, 0.25" MNPT, 0-160 PSIG, MAX 212°F, 316SS WETTED PARTS, CSA CLASS I DIV I IS/DIV II N.I., SHUTDOWN TO BE SET @ 35 PSIG	1
533	R07S30B	VALVE, BALL, NUTRON, R07S30B, 3/4"-3000# NPT, REGULAR PORT	2
534	R10S30B	VALVE, BALL, NUTRON, R07S30B, 1"-3000# NPT, REGULAR PORT	2
535	B8E10B	VALVE, CHECK, SWING, WHEATLEY, 820-753072-131, 0.75" FNPT, 750 PSIG, ASTM A216 WCC or LCC, NACE MR01-75	1
536	NPN	VALVE, GATE, NAVCO, 1.5" FNPT CLASS 800, 800 PSIG @ 850°F, REG. PORT, ASTM A105	1
537	1TC	VALVE, GAUGE, DANIEL, 209-01-049C 1TC, 0.5" FNPT x 0.625" TUBE, 3600 PSIG @ 250°F 1 SET, CARBON STEEL	1
538	-	-	-

BILL OF MATERIALS c/w FRAME			
No.	PART No.	DESCRIPTION	QUANTITY
539	13A385	VALVE DIVIDER, LINCOLN, 9S, (0.018 STD)	1
540	13A048	VALVE DIVIDER, LINCOLN, 6S, (0.012 STD)	1
541	12A982	VALVE DIVIDER, LINCOLN, 9T, (0.009 STD)	1

THROWS #1 & 3
 DESIGN CYCLE TIME IS 14.0 SECONDS.
 DESIGN OIL FLOW RATE IS 24.3 US PINTS/DAY

THROWS #2 & 4
 DESIGN CYCLE TIME IS 11.0 SECONDS.
 DESIGN OIL FLOW RATE IS 21.2 US PINTS/DAY

NOTES:
 1. FOR ALL OTHER NOTES & GENERAL INFORMATION SEE DWG. #PFLOW.
 2. -

No.	REVISION	DATE	BY
2	AS BUILT	05-30-05	BM
1	ISSUED FOR CONSTRUCTION	03-09-05	BM
0	ISSUED FOR APPROVAL	01-20-05	BM

TOROMONT ENERGY SYSTEMS 10121 - BARLOW TRAIL N.E. CALGARY ALBERTA CANADA		CUSTOMER: PARAMOUNT RESOURCES LTD. DELTA SWEET GAS COMPRESSOR LSD: 7-15-32-18 WAW	
TITLE: COMPRESSOR/CYLINDER OIL FLOW DIAGRAM ARIEL JCC/4-4		SCALE: NONE DATE: 01-20-05 BY: BM DATE RELEASED: 06/10/05 RELEASED BY: [Signature]	
STEP #550		UNIT #31262 DRAWING NO.: 31262-COFLOW REV. NO.: 2	

SERVICE:	TUBING	FITTINGS
■ PROCESS	304 (SS)	ZINC PLATED (S)
■ UTILITY (CONTACTING PROCESS)	304 (SS)	ZINC PLATED (S)
■ INSTRUMENT	304 (SS)	ZINC PLATED (S)
■ FRAME INTERNALS	304 (SS)	304 (SS)
□ PROCESS	316 (SS)	316 (SS)
□ UTILITY (CONTACTING PROCESS)	316 (SS)	316 (SS)
□ INSTRUMENT	304 (SS)	ZINC PLATED (S)
□ FRAME INTERNALS	304 (SS)	304 (SS)

PROPRIETARY MATERIAL
 NOT TO BE RE-PRODUCED OR DISTRIBUTED
 WITHOUT THE PRIOR WRITTEN CONSENT OF
 TOROMONT ENERGY SYSTEMS INC.

COMPRESSOR FRAME LUBE OIL CIRCULATING SYSTEM