

[IBOM](#)

*** FMC PRIVATE ***
 FMC ENERGY SYSTEMS
 REPORT BY: Tidwell, Diane
 01-JUL-2010
 PART REPORT

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PART DESCRIPTION		
PART NUMBER:		DRAWING NO:
P533649	PUMP ASSEMBLY; M0610 DX, DBL EXT, W/2	DU500004422
REVISION: B	NPT X 1-1/2 NPT FLUID END, TUNGSTEN	DRAWING REV: B
ECN: 5017052	PLGR, 4511 V-RING PKG, 440 SST DISC	DWG OWN: STE COE
	VALVE ASSEMBLIES, PACKING LUBE,	
	VAPORLESS STUFFING BOXES	

TYPE: N STATUS: RELEASED OWNERSHIP: STE COE UOM: EA WEIGHT: 381 (173)
 LBS (KGS)

PART DATA		
PROD SPEC : NA		QUALITY LVL: NA
MATL CLASS:	TEMP RANGE:	
PR# :	GR# :	SRV CLASS:

REVIEWED BY: Singleterry, Ronald REVIEW DATE : 04-JAN-2007
 APPROVED BY: Hodges, Billy Bob APPROVAL DATE: 13-JAN-2007

BILL OF MATERIAL						
ITEM	PART NUMBER	DESCRIPTION	DWG NUMBER	UM	QTY	MATERIAL
1	P511570	POWER END ASSEMBLY; M06 DBL EXT, TOP MOTOR MOUNT	6700DU5010231	EA	1	
2	P506472	FLUID CYLINDER; M06/M0909/15 HD HV, W/2 NPT X 1-1/2 NPT, DUPLEX SST, TRACEABLE	6700DU5008361	EA	1	
3	5257291	VALVE ASSEMBLY; DISC, 1.437 DIA GAGE LINE, .937 ID, 1.20 LG, 440 SST	6700DU5014404	EA	3	
4	5257290	VALVE ASSEMBLY; DISC, 1.312 DIA GAGE LINE, .937 ID, 1.42 LG, 440 SST	6700DU5014410	EA	3	
5	P533650	STUFFING BOX; M0610/12, 2.00 PACKING BORE, 2- 1/8 12UN-2B THREAD, 5.675 LG, TWO 1/8 NPT PORTS, 316 SST	6700DU5013620	EA	3	
6	P525048	PACKING; 4511 V-RING, SPRING LOADED, VAPORLESS, 1.250 ID X 2.000 OD X 4.67 WORKING LENGTH	6700DU5013596	EA	3	
7	P533773	PLUNGER; M0610, 1.25 DIA, 3/8-16 UN-2A THREAD, 8.75 LONG, THREADED CONNECTION, STANDARD TUNGSTEN, 303 SST BASE MATERIAL	6700DU5013621	EA	3	M35015

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BILL OF MATERIAL (Continued)

ITEM	PART NUMBER	DESCRIPTION	DWG NUMBER	UM	QTY	MATERIAL
8	3265960	O-RING, 2.612 ID X 0.103 CS, UNIFORM NO. 146, NITRILE 90 DURO	NO-DWG	EA	6	
9	5262088	ADJUSTING NUT; M0610, 2-1/8-12UN-2A THREAD, 2.31 LG, W/ WIPER RING GROOVE, C95400 ALUMINUM BRONZE	6700DU5012369	EA	3	
10	P501517	MALE CONNECTOR: 1/8 NPT X 3/8 TUBING, SST ***NO GRAPHICS***	6000DU5005882	EA	3	
11	5270937	CHECK VALVE: 1/8" NPT MXF 6000 PSI ***NO GRAPHICS***	6000DU5005861	EA	3	
12	P518897	PLUG; 1-7/8 12UN 2A, 2 1/8 HEX, WITH O-RING GROOVE, SST	6700DU5002694	EA	3	
13	3265318	O-RING, 1.720 ID X 0.118 CS, UNIFORM NO. 924, NITRILE 70 DURO PER ENGR SPEC E57020	NO-DWG	EA	3	E57020
14	P533704	CYLINDER COVER; M0612/15, W/OUTSIDE O- RING GROOVE, 1.71 LG, DUPLEX SST, TRACEABLE	DU500004473	EA	3	
15	3265559	CYLINDER COVER CLAMP; M0606/12, TWO HOLE, CARBON STEEL, TRACEABLE	6700DU5013540	EA	3	
16	P525297	STUD, 5/8-11UNC-2A X 12.00 LONG PER IFI 136, DOUBLE ENDED, TYPE 2, ASTM A193 GRADE B7, XYLAN COATED	6700DU5002695	EA	6	M20118
17	P525298	STUD, 5/8-11UNC-2A X 9.00 LONG PER IFI 136, DOUBLE ENDED, TYPE 2, ASTM A193 GRADE B7, XYLAN COATED	6000DU5003407	EA	2	M20118
18	320382	WASHER, FLAT, 5/8, TYPE A, NARROW (SAE), (.656 ID X 1.312 OD X .095 THK), ASME B18.22.1, UNHARDENED, SST	NO-DWG	EA	10	M35005
19	504-088	HEAVY HEX NUT; 5/8- 11UNC-2B, ASTM A194 GR 2H CARBON STEEL, XYLAN COATED	NO-DWG	EA	10	M10135
20	5254219	FRONT FOOT; F/M06/L06, MATL; .25 PLATE, HR	6700DU5011330	EA	1	

21 [P518896](#) STEEL
 PLUG; 1-3/16 12UN 2A, 1 [6700DU5003974](#) EA 3
 3/8 HEX, WITH O-RING

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ITEM	PART NUMBER	DESCRIPTION	DWG NUMBER	UM	QTY	MATERIAL
22	3267474	GROOVE, SST O-RING, 1.047 ID X 0.116 CS, UNIFORM NO. 914, NITRILE 90 DURO PER ENGR SPEC E50126	NO-DWG	EA	3	E50126
23	1105057	STREET ELBOW; 45 DEG, 3/4 MALE NPT X 3/4 FEM NPT, GALVANIZED STD	6000DU5012412	EA	1	
24	3269887	NIPPLE; 3/4 SCH 80, 3/4 MALE NPT X 3/4 MALE NPT, 3.00 LG, A106 GRB CARBON STEEL	6000DU5012414	EA	1	
25	1105190	90 DEG ELBOW, PIPE, 3/4 INCH NPT FEMALE X 3/4 INCH NPT FEMALE, SCH 40, GALVANIZED	6000DU5012413	EA	1	
26	3268903	MOUNTING BRACKET; M06 POWER END, TO MOUNT 7010-3 PREMIER LUBRICATOR PUMP, CARBON STEEL PER ASTM A36	6700DU5012403	EA	1	
27	1100047	CAP SCREW, HEX HEAD, 3/8-16UNC-2A X 1.50 LONG, PER ASME B18.2.1, SAE J429 GRADE 5, ZINC COATED	NO-DWG	EA	8	
28	3264733	LUBRICATOR; 4 PT. RESERVOIR, 3 PUMPS, LEFT HAND ROTARY, W/3/16 X 3/32 X 1.0 KEYWAY, W/3/16 SQ X 1.0 KEY	6000DU5005704	EA	1	
29	1248372	STUD, 1/2-13UNC-2A X 4.00 LONG PER IFI 136, CONTINUOUS THREAD, ASTM A193 GRADE B7, XYLAN COATED	NO-DWG	EA	4	M20118
30	1121497	HEX NUT; 1/2-13UNC-2B, FINISHED, CARBON STEEL	NO-DWG	EA	16	
31	3263718	SHEAVE; QUICK DISCONNECT, A-B, 5.15 OD, SINGLE GROOVE, PER MPTA/RMA GUIDELINES, F/SDS BUSHING	6700DU5012456	EA	1	
32	3263719	BUSHING; QUICK	6700DU5012455	EA	1	

DISCONNECT, SDS, 1-3/8
 BORE DIA, 5/16 X 5/32
 KEY WAY
 33 [5271587](#) SHEAVE 6"OD X 5/8 BORE [6000DU5005855](#) EA 1
 FHP ***NO GRAPHICS***
 34 [3268914](#) V-BELT: A37 BELT, F/M06 [NO-DWG](#) EA 1
 LUBRICATOR

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ITEM	PART NUMBER	DESCRIPTION	DWG NUMBER	UM	QTY	MATERIAL
35	3263714	GUARD; BELT, M06, F/LINCOLN 800028 LUBRICATING PUMP, 14 GAUGE, CARBON STEEL	6700DU5012408	EA	1	
36	1100805	HHCS 1/4-20X3/4 GR5 C/Z	NO-DWG	EA	6	
37	1100241	LOCKING-TYPE WASHER; 1/4 NOMINAL SIZE, REGULAR, HELICAL SPRING SPLIT TYPE, ASTM B18.21.1, CARBON STEEL, ZINC PLATED	NO-DWG	EA	6	
38	1121507	HEX NUT; 1/4-20UNC-2B, FINISHED, CARBON STEEL, ZINC PLATED	NO-DWG	EA	6	
39	P501810	MALE ELBOW: 1/4 TBG X 1/8 NPT, SST***NO GRAPHICS***	6000DU5005841	EA	6	
40	3263720	TUBING; RD, SEAMLESS, 1/4 OD .035 WALL, 304 STAINLESS STEEL, COLD DRAWN, ANNEALED, & PICKLED, PER ASTM A-269 ***NO GRAPHICS***	6000DU5005858	IN	102	
41	3263841	GANG STRAP; 3 TUBE, F/.25 DIA TUBING, SST *** NO GRAPHICS***	6000DU5008435	EA	1	
42	1187413	TAPPING SCREW; SLOTTED PAN HEAD, TYPE AB, #4- 24 X .250 LONG, CARBON STEEL, NICKEL COATED	NO-DWG	EA	6	
43	P501516	UNION ELBOW: F/3/8" TUBING, SST***NO GRAPHICS***	6000DU5005879	EA	1	
44	P501515	UNION TEE: F/3/8" TUBING, SST***NO GRAPHICS***	6000DU5005880	EA	2	
45	P501518	TUBING: RD, SEAMLESS, 3/8" OD .035 WALL, 304 STAINLESS STEEL, COLD DRAWN, ANNEALED, & PICKLED, PER ASTM A-269	6700DU5005884	IN	36	

46 [P501529](#) ***NO GRAPHICS***
 FITTING; MALE RUN TEE [6700DU5008478](#) EA 1
 3/8 TUBE X 3/8 TUBE X
 1/4 MALE NPT, SST
 47 [P501532](#) ***COMMERCIAL ITEM***
 PLUG: F/3/8" TUBING, [6000DU5005883](#) EA 1
 SST ***NO GRAPHICS***
 48 [1177204](#) CAPLUG; INTERNAL, PART [6000DU5001785](#) EA 2
 NUMBER 24-S, RED POLY
 ETHYLENE ***NO
 GRAPHICS***

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ITEM	PART NUMBER	DESCRIPTION	DWG NUMBER	UM	QTY	MATERIAL
49	1177203	CAPLUG; INTERNAL, PART NUMBER 20-S, RED POLY ETHYLENE ***NO GRAPHICS***	6000DU5001786	EA	2	
50	5267123	LIQUID LEVEL GAGE; 1/4 NPT, ANODIZED ALUMINUM	6700DU5002135	EA	1	
51	5277980	NAMEPLATE; RECIP PUMP, .036 TO .024 THICK, 18- 8 STAINLESS STEEL	6400DU5005333	EA	1	
52	P525049	PACKING; 4511 V-RING, ELASTOMERS ONLY, 1.250 ID X 2.000 OD	NO-DWG	EA	2	
53	5266227	OPERATION AND MAINTENANCE MANUAL, M06 TRIPLEX PUMPS	NO-DWG	EA	1	

 QUALITY MATRIX: [6QM5000](#)

SECTION: 314.0	REV: A	OWNER: STE COE	STATUS: RELEASED
ASSEMBLY			
Q00024 HANDLING, STORAGE AND SHIPPING REQUIREMENTS FOR FLUID CONTROL EQUIPMENT			

 ENGINEERING NOTES AND SPECIFICATIONS

MISCELLANEOUS NOTES

[Q50118](#) TORQUE FASTENERS PER FMC ENGR SPEC.

[Q50117](#) STAMP NAMEPLATE PER FMC ENGR SPEC WITH THE FOLLOWING DATA:

POWER:	2.8 kW	3.8 BHp
DISCHARGE PRESSURE:	6205 kPa	900 PSI
FLOW:	24.6 LPM	6.5 GPM
SPEED:	320 RPM	

ENGINEERING SPECIFICATIONS:

[C85024](#) FCD USE ONLY - PAINTING SPECIFICATION FOR INDUSTRIAL PUMP
PRODUCTS (REPLACES CP-20)

[Q50112](#) FCD USE ONLY - PUMP MECHANICAL RUN TEST PROCEDURE

=====END OF PART=====