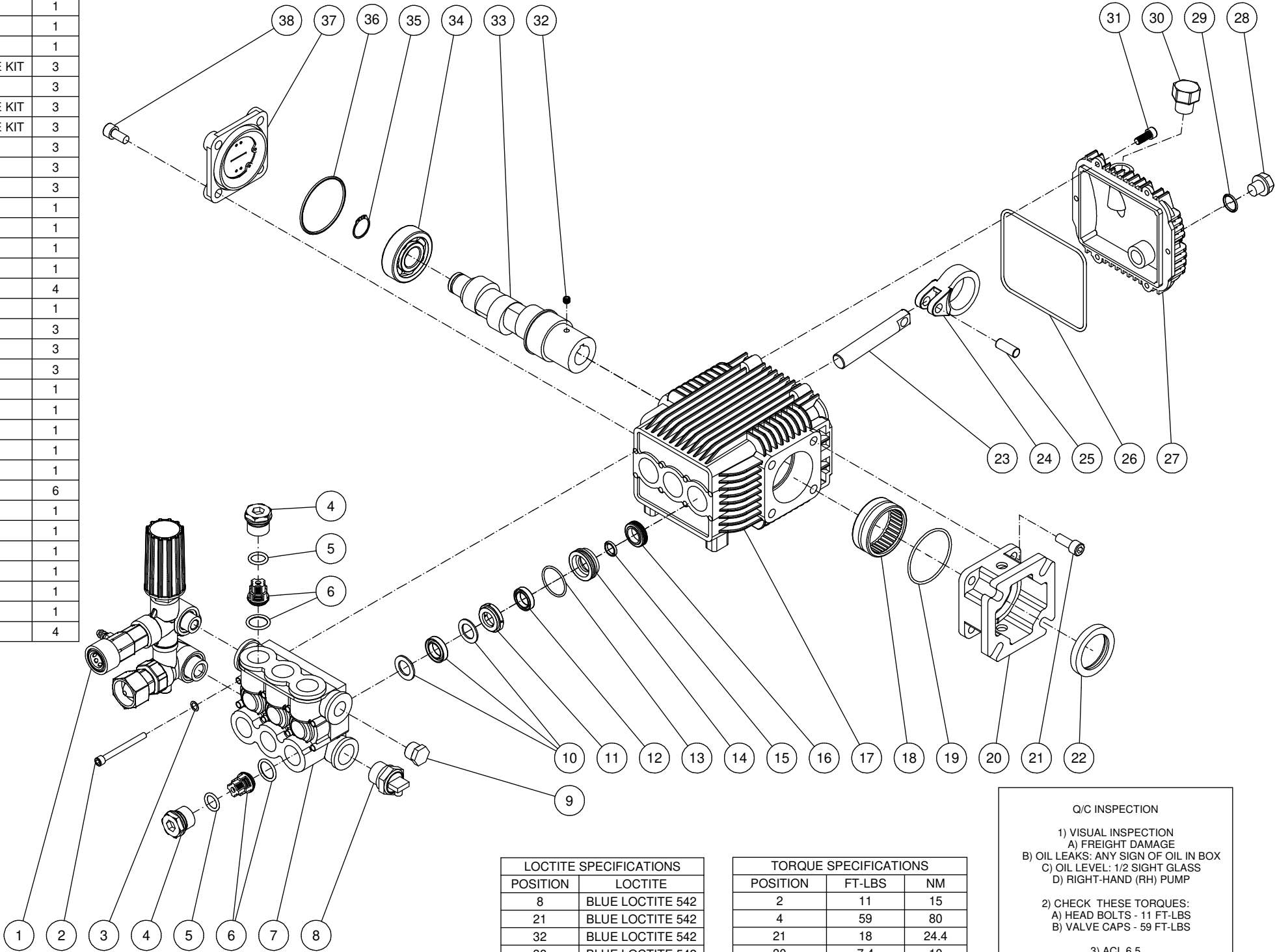


M:\Drawings\Part Numbers\03-0413.iam

ITEM	DESCRIPTION	PART #	VENDOR	P/L	QTY
1	UNLOADER ASSY	8-0635	BC14306		1
2	BOLT - M6-1.00P x 55mm	27-0898	B12011		8
3	WASHER - 6.5mm I.D. X 9.8mm O.D.	28-0203	B18006		8
4	VALVE PLUG - M22-1.50P SS	39-0231	BC17028		6
5	O-RING - 18mm O.D. X 2.4mm	25-0622	A13101		6
6	VALVE ASSEMBLY W/O-RING (SEE KIT 70-0502)	70-0502	B11106	SEE KIT	6
7	MANIFOLD HEAD - BRASS	46-1503	B12001		1
8	VALVE - THERMAL RELIEF 1/2MNPT	22-0005	100558		1
9	PLUG - BRASS 3/8-19 BSPP X 17mm	39-0102	AR1989600		1
10	HIGH PRESSURE PACKING (SEE KIT 70-0501)	N/A	B12013	SEE KIT	3
11	SEAL COMPACTION RING - BRASS	46-1311	B12008		3
12	LOW PRESSURE SEAL - 22mm O.D. X 15mm I.D. X 5mm (SEE KIT 70-0501)	N/A	B12055	SEE KIT	3
13	O-RING - 26.7mm O.D. X 1.78mm (SEE KIT 70-0501)	N/A	B12007	SEE KIT	3
14	RETAINER RING - LP	46-1312	B12006		3
15	O-RING - 15mm O.D. X 2.5mm (SEE KIT 70-0660)	25-0663	B12115		3
16	OIL SEAL - 24mm O.D. X 15mm I.D. X 6mm (SEE KIT 70-0660)	46-1313	B11018		3
17	CRANKCASE - ALUMINUM (SEE KIT 70-0660)	46-1617	B11201		1
18	NEEDLE BEARING - 52mm O.D. X 43mm I.D. X 20mm (SEE KIT 70-0660)	48-0096	B11027		1
19	O-RING - 51.8mm O.D. X 2.2mm (SEE KIT 70-0660)	25-0603	B11005		1
20	MOUNTING FLANGE (SEE KIT 70-0660)	46-1314	B11006		1
21	HSHCS - ZI GR8.8 M8-1.25P X 20mm	27-8432	AR180030		4
22	OIL SEAL - 50mm O.D. X 36mm I.D. X 7mm (SEE KIT 70-0660)	26-0320	A10712		1
23	PISTON- CERAMIC COATED (SEE KIT 70-0660)	46-1504	B11091		3
24	CONNECTING ROD (SEE KIT 70-0660)	46-1595	B11207		3
25	PISTON - WRIST PIN (SEE KIT 70-0660)	46-1505	B11010		3
26	O-RING - 105mm O.D. X 2.62mm (SEE KIT 70-0660)	25-0604	B11084		1
27	CRANKCASE COVER (SEE KIT 70-0660)	46-1594	B11202		1
28	DRAIN PLUG - STEEL (SEE KIT 70-0660)	39-0376	A10900		1
29	O-RING - 14.2mm O.D. x 1.9mm (SEE KIT 70-0660)	25-0606	A10802		1
30	OIL CAP - VENTED (SEE KIT 70-0660)	46-1593	B11230		1
31	HSHCS-ZI M6 X 16MM (SEE KIT 70-0660)	27-0896	L1000400		6
32	UNI5923 - M6-1.00P X 6mm (SEE KIT 70-0660)	27-8886	AR820440		1
33	CRANKSHAFT (SEE KIT 70-0660)	46-1618	B11208		1
34	BALL BEARING - 6305 (SEE KIT 70-0660)	48-0102	B18200		1
35	SNAP RING - EXTERNAL - 25mm I.D. (SEE KIT 70-0660)	46-1596	B18004		1
36	O-RING - 55.25mm O.D. X 2.62mm (SEE KIT 70-0660)	25-0634	B18001		1
37	SIGHT GLASS ASSY - INC SIGHT GLASS & OIL LVL INDICATOR (SEE KIT 70-0660)	46-1597	BC12022		1
38	HSHCS - M8-1.25P X 16mm (SEE KIT 70-0660)	27-8431	99303900		4



LOCTITE SPECIFICATIONS	
POSITION	LOCTITE
8	BLUE LOCTITE 542
21	BLUE LOCTITE 542
32	BLUE LOCTITE 542
38	BLUE LOCTITE 542

TORQUE SPECIFICATIONS		
POSITION	FT-LBS	NM
2	11	15
4	59	80
21	18	24.4
30	7.4	10
38	18	24.4

Q/C INSPECTION	
1) VISUAL INSPECTION	A) FREIGHT DAMAGE
B) OIL LEAKS: ANY SIGN OF OIL IN BOX	C) OIL LEVEL: 1/2 SIGHT GLASS
D) RIGHT-HAND (RH) PUMP	
2) CHECK THESE TORQUES:	A) HEAD BOLTS - 11 FT-LBS
B) VALVE CAPS - 59 FT-LBS	
3) ACL 6.5	LEVEL I

REPLACEMENT KITS					
KIT #	VENDOR #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0501	B11102	KITS - PACKINGS	10, 12, 13	3, 3, 3	3
70-0502	B11106	KITS - VALVES W/ O-RING	6	6	3
70-0660		KIT - CRANKCASE ASSY	15, 16, 17-20, 21, 22, 23-25, 26-30, 31, 32-37, 38	3, 3, 1, 4, 1, 3, 1, 6, 1, 4	3

Mi-T-M Corporation

SCALE: NTS DATE: 6/21/19 DRAWING SIZE: B APP'D: DRAWN BY: CH

PUMP - 1507A - 2.8GPM @ 3000PSI

DRAWING/PART NO: 3-0413