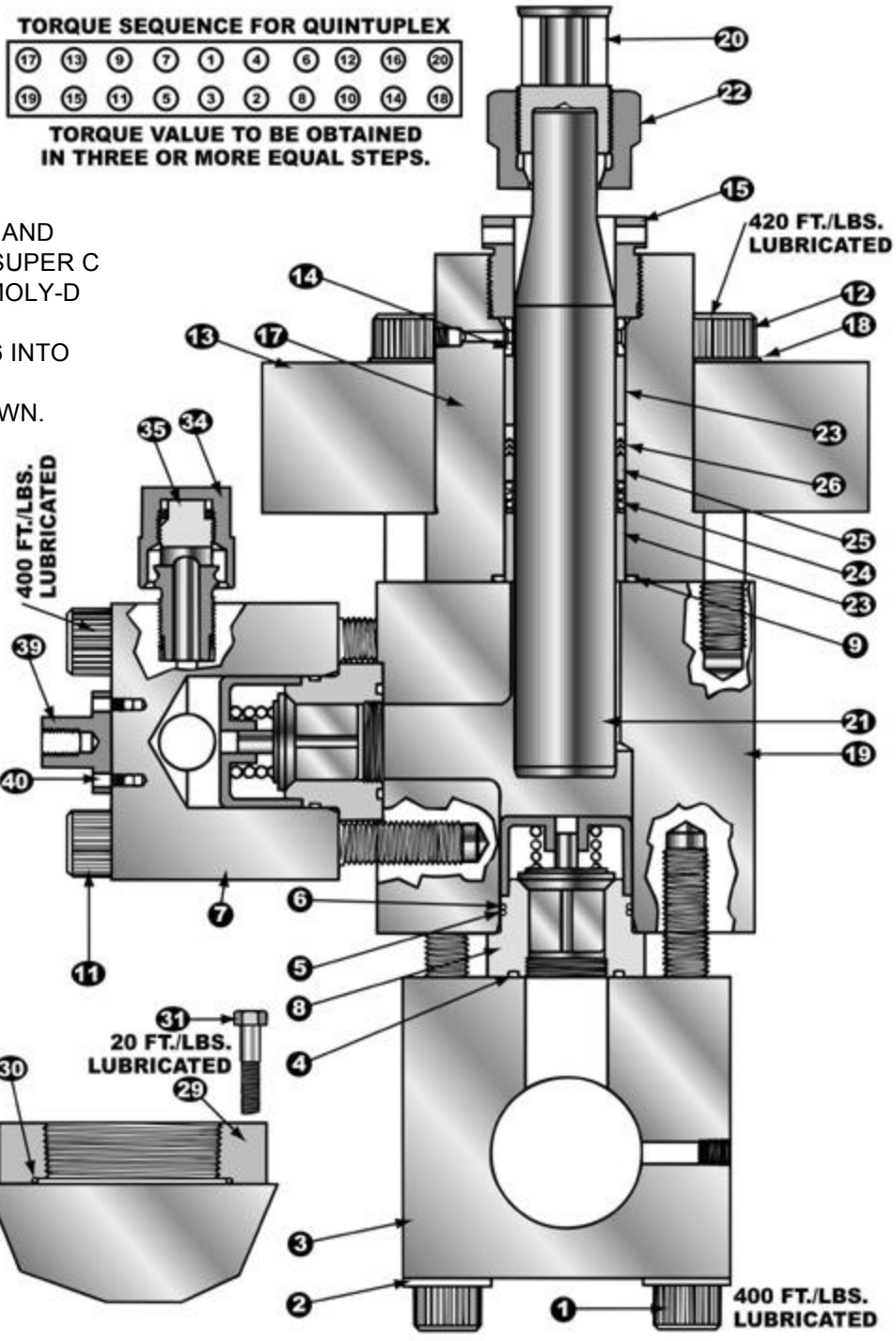
Q-450S

70-78675 Fluid End Replacement Parts

10 KPSI MAWP, ALUMINUM SUCTION



SPECIAL NOTES:

1. LUBRICATE THREADS AND O-RINGS WITH 327-C SUPER C ARMOR PLATE WITH MOLY-D (PART #13-33044).
2. DIP PACKING ITEM #26 INTO LIGHT MACHINE OIL.
3. ITEMS 27-33 NOT SHOWN.

70-78675 Fluid End Replacement Parts

Q-450S

10 KPSI MAWP, ALUMINUM SUCTION

ITEM	PART NO.	QUAN.	DESCRIPTION:
1	16-77930	20	SCREW, SHC, 7/8" - 9 x 8"
2	16-77940	20	WASHER, FLAT, HARDENED, 7/8"
3	70-78676	1	MANIFOLD, Q-450S, SUCTION
4	22-33031	10	O-RING, 2-1/4", 2-226-90
5	22-80284	10	O-RING, 2-5/8", 2-143-90
6	22-80285	10	BACK-UP RING, 2-5/8", 8-143
7	70-78677	1	MANIFOLD, 0-450S, DISCHARGE
8	70-66204	10	VALVE, T-450S, SUCTION/DISCHARGE
9	22-20228	10	O-RING, 2-7/8", 2-231-90
11	16-78508	20	SCREW, SHC, 7/8" - 9 x 6-1/2"
12	16-77935	20	SCREW, SHC, 7/8" - 9 x 5-1/2"
13	70-78603	1	PLATE, Q-450S, ADAPTING
15	70-55008	5	NUT, GLAND
17	70-66014	5	STUFFING BOX
18	16-77937	20	WASHER, LOCK, EXTERNAL, 7/8"
19	70-66203	5	CYLINDER, T-450S FLUID
27	12-78003	5	TOOL, INSTALLATION (NOT SHOWN)
28	12-78005	1	WRENCH, SPANNER (NOT SHOWN)
29	70-80118	2	FLANGE, SUCTION MANIFOLD
30	22-80179	2	O-RING, 4", 2-240-70
31	16-40002	8	BOLT, HXHD, 3/8" - 16 x 1-3/4"
32	22-74207	2	O-RING, 1-1/2", 2-218-90
33	16-77111	8	BOLT, HXHD, 1/2" - 13 x 2"
34	31-03505-002	1	CAP, SAFETY HEAD
35	31-03505-001	1	BODY, SAFETY HEAD
36	70-78604-001	2	FLANGE, 1", DISCHARGE
37	16-78644	4	STUD, B-7, 7/8" - 9 x 15" (NOT SHOWN)
38	16-78514	1	EYEBOLT, 1/2" - 13 x 1/2" (NOT SHOWN)
39	70-66211	1	ADAPTER, T-450S EYE B0LT
40	16-78645	4	SCREW, SHC, 1/4" - 20 x 5/8"
43	70-20864	5	BUSHING, 1-1/4", ADAPTER, PLUNGER

Q-450S 70-78675 Fluid End Plunger Groups

ALUMINUM SUCTION / WATER LUBE

Q-450S FLUID END WATER LUBE
1-1/2"
(38.1 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-500	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-206	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-500	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-500	5	RING, FRONT PACKING
26	22-80104-002	5	PACKING

Q-450S FLUID END WATER LUBE
1-5/8"
(41.28 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-700	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-406	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-700	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-700	5	RING, FRONT PACKING
26	22-80104-003	5	PACKING

Q-450S FLUID END WATER LUBE
1-3/4"
(44.45 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-900	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-606	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-900	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-900	5	RING, FRONT PACKING
26	22-80104	5	PACKING

Q-450S FLUID END WATER LUBE
1-7/8"
(47.63 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-110	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-806	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-110	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-110	5	RING, FRONT PACKING
26	22-80104-005	5	PACKING

Q-450S FLUID END WATER LUBE
2"
(50.8 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-130	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-126	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-130	10	BUSHING, THROAT
24	25-78003	5	SPRING, PACKING
25	70-66006-130	5	RING, FRONT PACKING
26	22-80104-006	5	PACKING

70-78675 Fluid End Plunger Groups

Q-450S

ALUMINUM SUCTION / OIL LUBE

Q-450S FLUID END OIL LUBE
1-1/2"
(38.1 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-505	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-206	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-500	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-500	5	RING, FRONT PACKING
26	22-80250	5	PACKING, OIL LUBE

Q-450S FLUID END OIL LUBE
1-5/8"
(41.28 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-705	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-406	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-700	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-700	5	RING, FRONT PACKING
26	22-80251	5	PACKING, OIL LUBE

Q-450S FLUID END OIL LUBE
1-3/4"
(44.45 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-905	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-606	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-900	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-900	5	RING, FRONT PACKING
26	22-80252	5	PACKING, OIL LUBE

Q-450S FLUID END OIL LUBE
1-7/8"
(47.63 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-115	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-806	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-110	10	BUSHING, THROAT
24	25-78002	5	SPRING, PACKING
25	70-66006-110	5	RING, FRONT PACKING
26	22-80253	5	PACKING, OIL LUBE

Q-450S FLUID END OIL LUBE
2"
(50.8 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
14	70-66007-135	5	RING, LANTERN
20	70-20861	5	ADAPTER, PLUNGER, UNIVERSAL
21	70-80201-126	5	PLUNGER, COLMONOY
22	70-20863	5	SHORT NUT, ADAPTER, PLUNGER
23	70-66005-130	10	BUSHING, THROAT
24	25-78003	5	SPRING, PACKING
25	70-66006-130	5	RING, FRONT PACKING
26	22-80254	5	PACKING, OIL LUBE