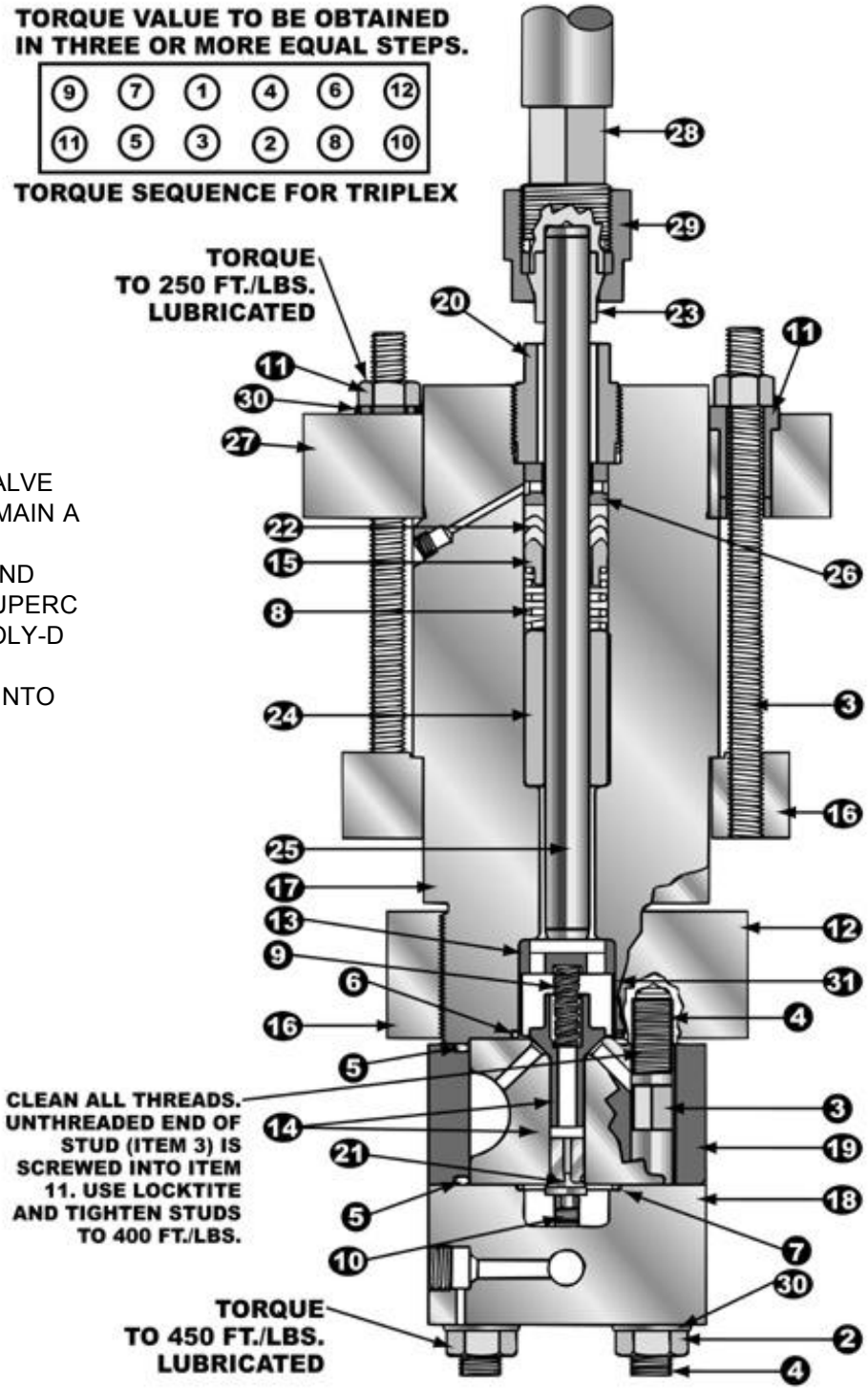
TF-450H 70-20600 Fluid End Replacement Parts

20 KPSI MAWP, ALUMINUM SUCTION



SPECIAL NOTES:

1. SUCTION VALVE AND VALVE SEAT (ITEM #14) TO REMAIN A MATCHED SET.
2. LUBRICATE THREADS AND O-RINGS WITH 327-C SUPERC ARMOR PLATE WITH MOLY-D (PART #13-33044).
3. DIP PACKING ITEM #22 INTO LIGHT MACHINE OIL.

70-20600 Fluid End Replacement Parts

TF-450H

20 KPSI MAWP, ALUMINUM SUCTION

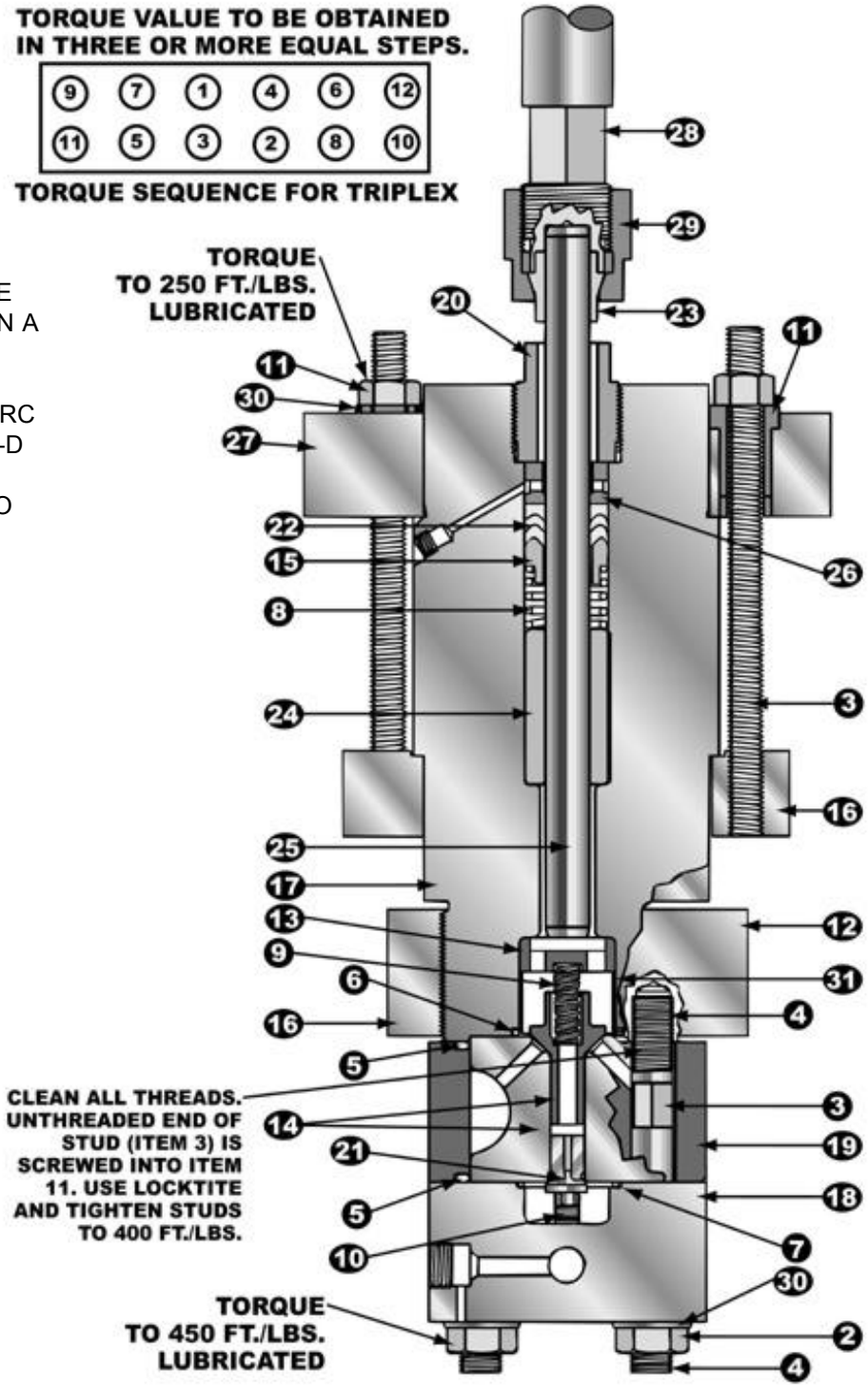
ITEM	PART NO.	QUAN.	DESCRIPTION:
2	16-20600	12	NUT, HEX., 7/8" - 14, GRADE 8
3	16-77957	12	STUD, 7/8" - 9 x 8-1/2"
4	70-20601	12	STUD, 7/8" - 14
5	22-20600	6	O-RING (2-347-N-219-7)
6	22-33140-002	3	O-RING (2-227-C67-90 OR 22-33140-001D)
7	22-33031	3	O-RING (2-226-N-552-9)
8	25-07085	3	SPRING, PACKING
9	25-20600	3	SPRING, SUCTION VALVE
10	25-20004	3	SPRING, DISCHARGE VALVE
11	16-77958	12	NUT, HEX 7/8" - 9
12	70-20602	3	CLAMP, FRONT ADAPTING
13	70-20603	3	STOP, SUCTION SPRING
14	70-20604	3	SUCTION VALVE & VALVE SEAT
16	70-20606	3	CLAMP, ADAPTING
17	70-20607	3	CYLINDER, INLINE VALVE PUMP
18	70-20608	1	MANIFOLD, DISCHARGE
19	70-20609	1	MANIFOLD, SUCTION
20	70-74011	3	NUT, GLAND
21	70-75320	3	VALVE, DISCHARGE
23	70-20612	3	BUSHING, PLUNGER
27	70-20019	1	PLATE, ADAPTING
28	70-20611	3	ADAPTER, PLUNGER
29	70-13032	3	NUT, COLLET
30	16-77916	12	WASHER, 7/8", INTERNAL TOOTH
31	70-20610	3	SPACER

ITEMS 45,46,51,52 ARE NOT SHOWN.

TF-450H

70-20600 Fluid End Replacement Parts

20 KPSI MAWP, S. S. SUCTION



SPECIAL NOTES:

1. SUCTION VALVE AND VALVE SEAT (ITEM #14) TO REMAIN A MATCHED SET.
2. LUBRICATE THREADS AND O-RINGS WITH 327-C SUPERC ARMOR PLATE WITH MOLY-D (PART #13-33044).
3. DIP PACKING ITEM #22 INTO LIGHT MACHINE OIL.

70-20600-003 Fluid End Parts

TF-450H

20 KPSI MAWP, S. S. SUCTION

ITEM	PART NO.	QUAN.	DESCRIPTION:
2	16-20600	12	NUT, HEX., 7/8" - 14, GRADE 8
3	16-77957	12	STUD, 7/8" - 9 x 8-1/2"
4	70-20601	12	STUD, 7/8" - 14
5	22-20600	6	O-RING (2-347-N-219-7)
6	22-33140-002	3	O-RING (2-227-C67-90 OR 22-33140-001D)
7	22-33031	3	O-RING (2-226-N-552-9)
8	25-07085	3	SPRING, PACKING
9	25-20600	3	SPRING, SUCTION VALVE
10	25-20004	3	SPRING, DISCHARGE VALVE
11	16-77958	12	NUT, HEX 7/8" - 9
12	70-20602	3	CLAMP, FRONT ADAPTING
13	70-20603	3	STOP, SUCTION SPRING
14	70-20604	3	SUCTION VALVE & VALVE SEAT
16	70-20606	3	CLAMP, ADAPTING
17	70-20607	3	CYLINDER, INLINE VALVE PUMP
18	70-20608	1	MANIFOLD, DISCHARGE
19	70-20609-003	1	MANIFOLD, SUCTION, STAINLESS STEEL
20	70-74011	3	NUT, GLAND
21	70-75320	3	VALVE, DISCHARGE
23	70-20612	3	BUSHING, PLUNGER
27	70-20019	1	PLATE, ADAPTING
28	70-20611	3	ADAPTER, PLUNGER
29	70-13032	3	NUT, COLLET
30	16-77916	12	WASHER, 7/8", INTERNAL TOOTH
31	70-20610	3	SPACER

TF-450H 70-20600 Fluid End Plunger Groups

20 KPSI MAWP, ALUMINUM SUCTION

TF-450H FLUID END 24 mm

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-024	3	FRONT PACKING RING
22	22-60004	3	PACKING
24	70-20613	3	THROAT BUSHING
25	70-20016-132	3	PLUNGER, 24 MM, TUNGSTEN CARBIDE
26	70-20625-024	3	BACK PACKING RING

TF-450H FLUID END 1" (24.5 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-010	3	FRONT PACKING RING
22	22-60005	3	PACKING
24	70-20613-406	3	THROAT BUSHING
25	70-20016-012	3	PLUNGER, 1", TUNGSTEN CARBIDE
26	70-20625-010	3	BACK PACKING RING

TF-450H FLUID END T. C. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-212	3	PLUNGER, 1-1/16", TUNGSTEN CARBIDE
26	70-20625-106	3	BACK PACKING RING

TF-450H FLUID END COLMONOY 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-216	3	PLUNGER, 1-1/16", COLMONOY
26	70-20625-106	3	BACK PACKING RING

TF-450H FLUID END OIL LUBE / T. C. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006-001	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-212	3	PLUNGER, 1-1/16", TUNGSTEN CARBIDE
26	70-20625-106	3	BACK PACKING RING

TF-450H FLUID END OIL LUBE / COLM. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006-001	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-216	3	PLUNGER, 1-1/16", COLMONOY
26	70-20625-106	3	BACK PACKING RING

70-20600-003 Fluid End Plunger Groups

TF-450H

20 KPSI MAWP, S. S. SUCTION

TF-450H FLUID END 24 mm

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-024	3	FRONT PACKING RING
22	22-60004	3	PACKING
24	70-20613	3	THROAT BUSHING
25	70-20016-132	3	PLUNGER, 24 MM, TUNGSTEN CARBIDE
26	70-20625-024	3	BACK PACKING RING

TF-450H FLUID END 1" (24.5 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-010	3	FRONT PACKING RING
22	22-60005	3	PACKING
24	70-20613-406	3	THROAT BUSHING
25	70-20016-012	3	PLUNGER, 1", TUNGSTEN CARBIDE
26	70-20625-010	3	BACK PACKING RING

TF-450H FLUID END T. C. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-212	3	PLUNGER, 1-1/16", TUNGSTEN CARBIDE
26	70-20625-106	3	BACK PACKING RING

TF-450H FLUID END COLMONOY 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-216	3	PLUNGER, 1-1/16", COLMONOY
26	70-20625-106	3	BACK PACKING RING

TF-450H FLUID END OIL LUBE / T. C. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006-001	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20616-212	3	PLUNGER, 1-1/16", TUNGSTEN CARBIDE
26	70-20626-106	3	BACK PACKING RING

TF-450H FLUID END OIL LUBE / COLM. 1-1/16" (26.988 mm)

ITEM	PART NO.	QTY.	DESCRIPTION:
15	70-20643-106	3	FRONT PACKING RING
22	22-60006-001	3	PACKING
24	70-20613-106	3	THROAT BUSHING
25	70-20016-216	3	PLUNGER, 1-1/16", COLMONOY
26	70-20626-106	3	BACK PACKING RING