



SOUTHERN CALIFORNIA HYDRAULIC ENGINEERING CORPORATION

DESIGNERS AND MANUFACTURERS OF HYDRAULIC & PNEUMATIC EQUIPMENT

1130 COLUMBIA STREET BREA, CALIFORNIA 92821

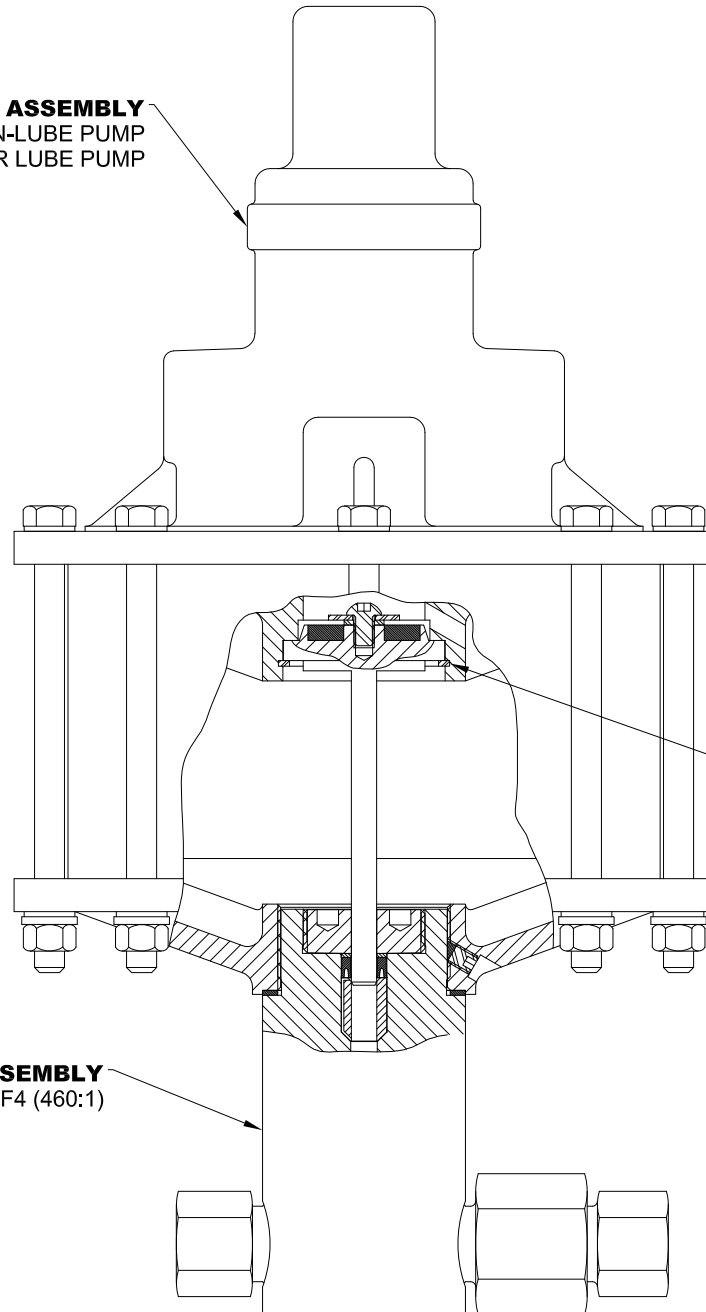
REV. A, 03/11/2022

NON-LUBE PUMP ASSEMBLY 10-6000S301-HF4

LUBE PUMP ASSEMBLY 10-6000S301L-HF4

(NOTE: 10-6000S301-HF4 WAS D6000S460-HF4)

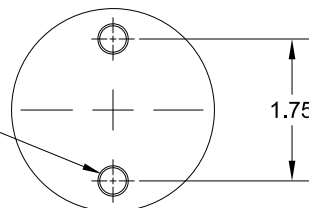
AIR MOTOR ASSEMBLY
11-6094ADL0 FOR NON-LUBE PUMP
11-6094A000 FOR LUBE PUMP



RETAINING RING
12-R200S000 (REF)

HYDRAULIC ASSEMBLY
11-6165S301-HF4 (460:1)

3/8"-24 x 3/4" DEEP



MOUNTING DIMENSIONS



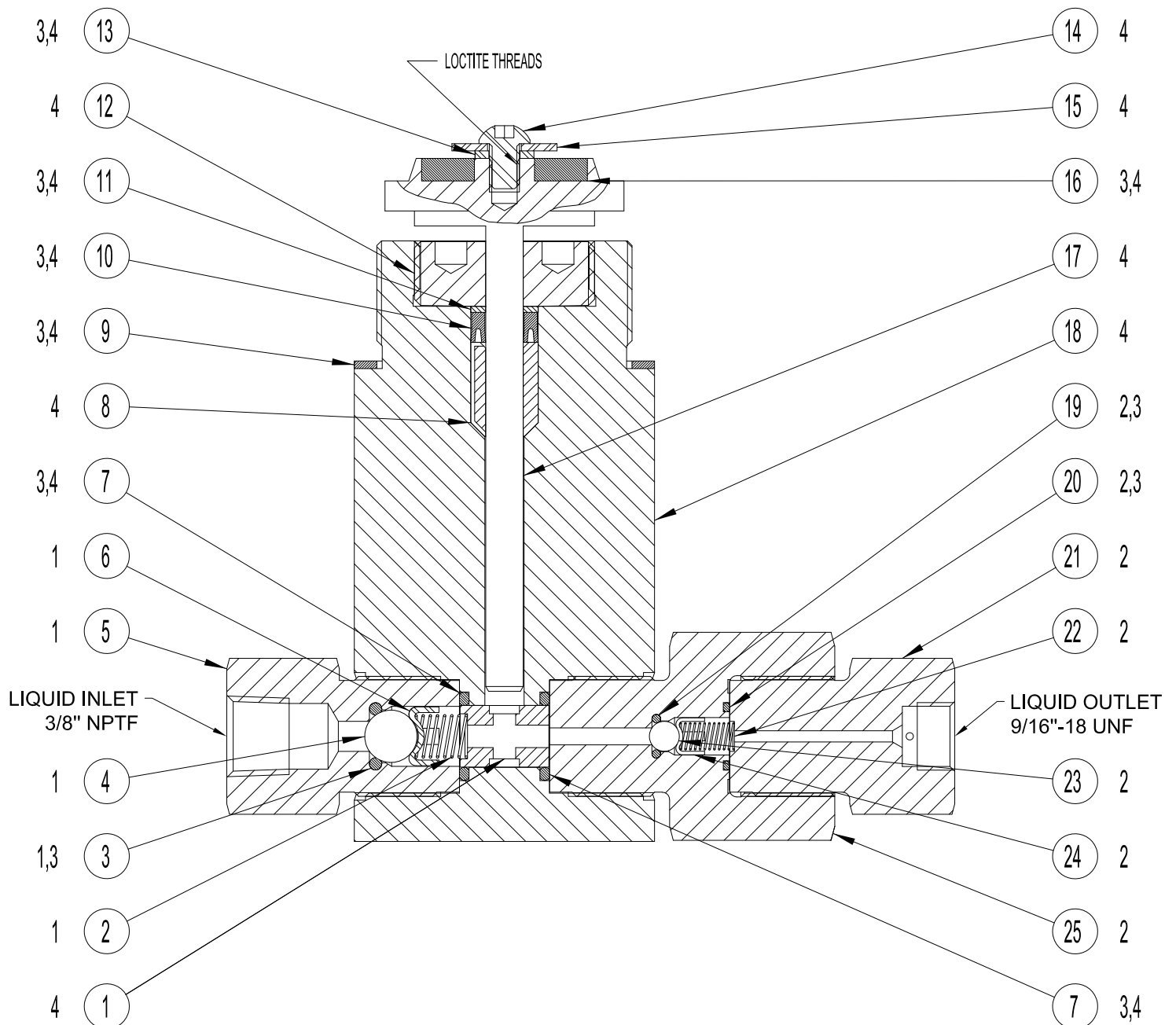
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REV. B, 03/11/2022

HYDRAULIC ASSEMBLY 11-6165S301-HF4



NOTES:

1. INCLUDED IN 11-5029S440 INLET CHECK VALVE ASSEMBLY.
2. INCLUDED IN 11-6118S440 OUTLET CHECK VALVE ASSEMBLY.
3. INCLUDED IN 11-6099N301-HF4 HYDRAULIC REPAIR KIT.
4. INCLUDED IN 11-6166S301 PISTON & CYLINDER ASSEMBLY.



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BILL OF MATERIALS: 11-6165S301-HF4 HYDRAULIC ASSEMBLY.

DRAWING NUMBER: 11-6165S301-HF4.

REVISION: B, 03/11/2022.

ITEM	QTY	PART NO.	DESCRIPTION	REFERENCE NO.
1	1	11-5007S407	RETAINER	10-407-7
2	1	11-5014S000	SPRING	10-450-14
3	1	P11003-110	O-RING	12-6227N008S
4	1	P10317-043	BALL, 7/16", 440C	
5	1	11-5021S000	FITTING, INLET	10-450-21
6	1	11-5034S001	BALL GUIDE	10-450-34-1
7	2	P11000-113	O-RING	12-6227N011
8	1	11-6160B300	LOWER BEARING	10-550-160-30
9	1	11-5028N000	GASKET	10-450-28
10	1	P11202-016	ROD SEAL	
11	1	D10653-5	BACK-UP	
12	1	11-6158B300	RETAINER	10-550-158-30
13	1	P10212-025	HELICAL SPRING LOCK WASHER	12-5001C407
14	1	12-25F37SBC45Z	BUTTON HEAD CAP SCREW	
15	1	12-25N87WF1Z	FENDER WASHER	
16	1	11-5051P000	PISTON BUMPER	10-450-51
17	1	11-6008S300	HYDRAULIC PISTON	10-550-8-30
18	1	11-6157S301	HYDRAULIC CYLINDER	10-550-157-30-1
19	1	P11000-010	O-RING	12-6227N005
20	1	P11000-013	O-RING	12-8775N013
21	1	11-6117S000	ADAPTER	10-550-117
22	1	11-6016S000	SPRING	10-550-16
23	1	P10317-025	BALL, 1/4", 440C	
24	1	11-6015S000	BALL GUIDE	10-550-15
25	1	11-6116S000	FITTING, OUTLET	10-550-116