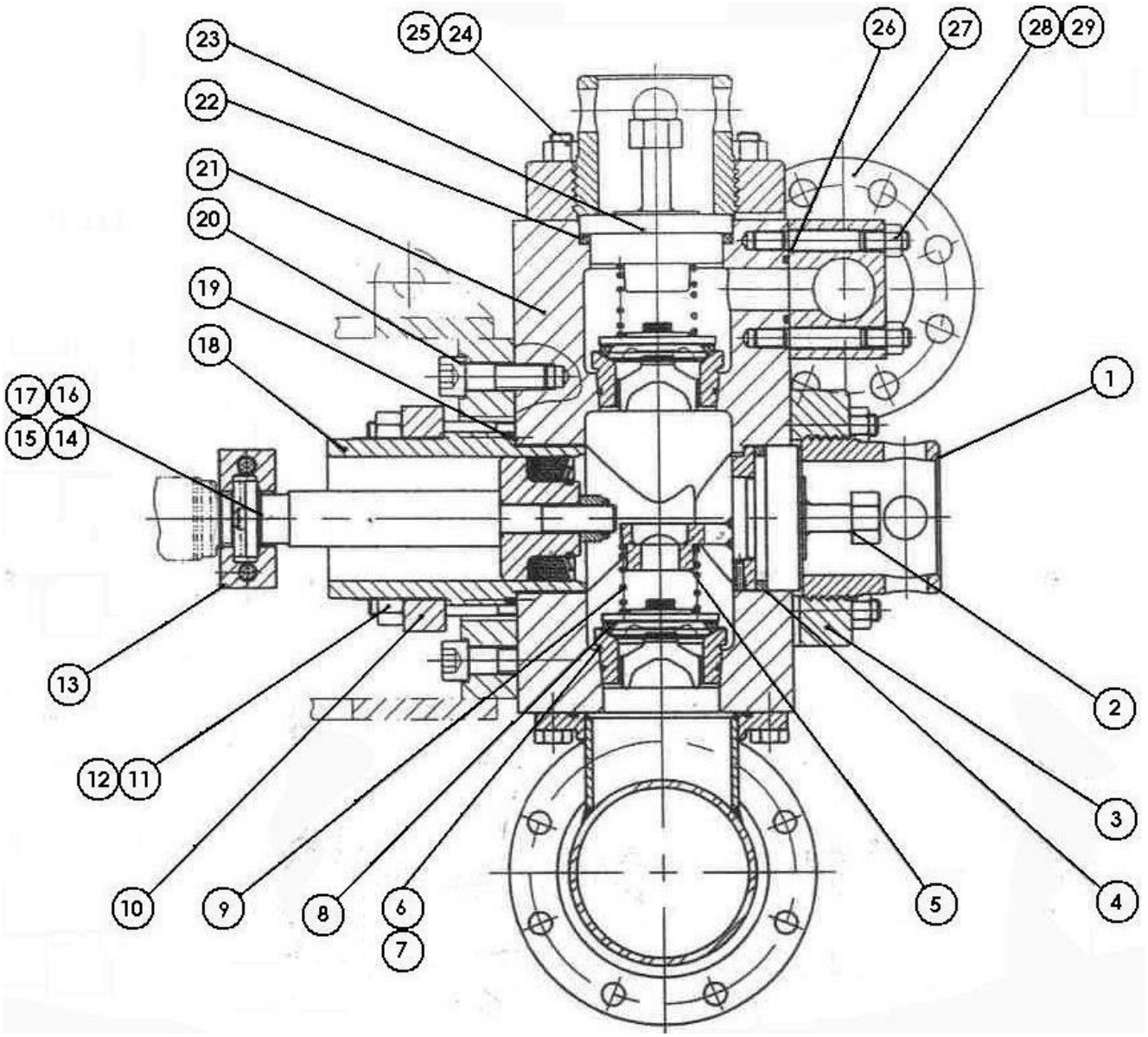
EWS-440 Pump Spare Parts List

Fluid End Assembly

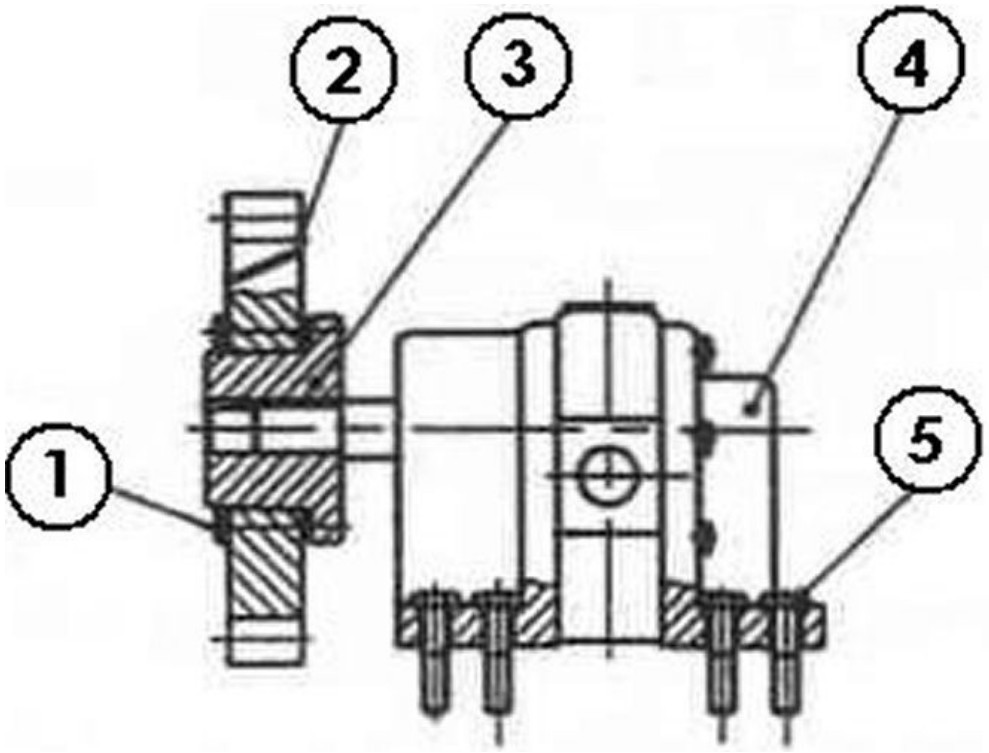


	P/N	Description	Quantity
1	B-440343	Valve Cover	6
2	B-440309	Cylinder Head Plug	3
3	D-440342	Valve Cover Flange	6

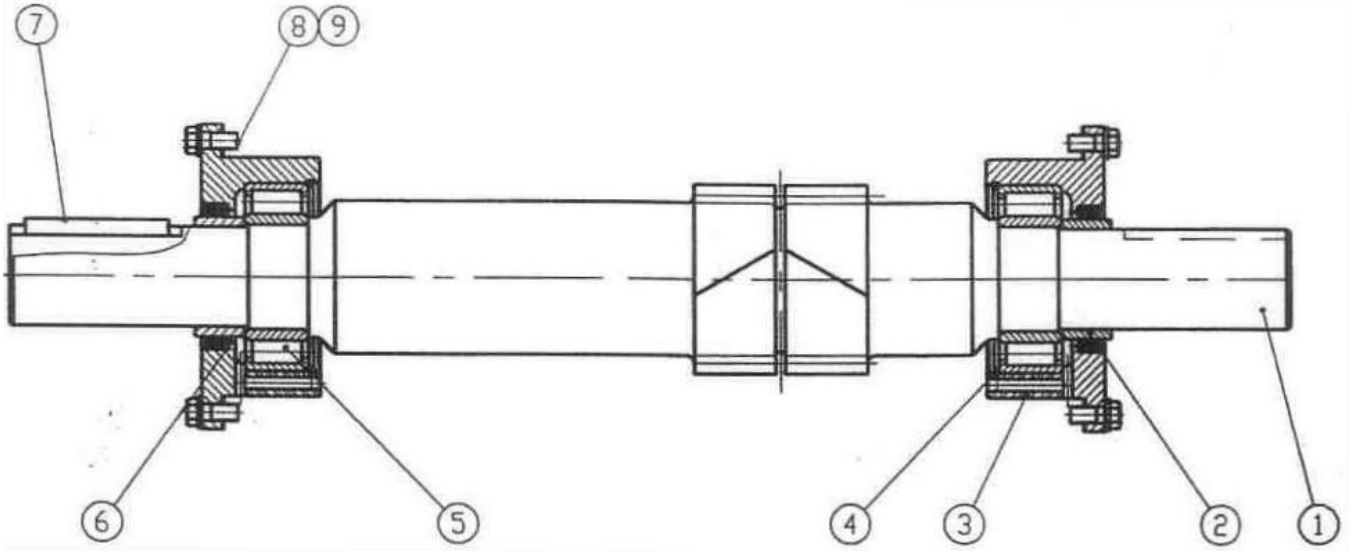
4	W-440.01.001	Valve Side Cover Gasket	3
5	B-440321	Lower Valve Guide	3
6	W-440.01.002	Valve Seat	6
7	GB/T3452.1-100	Valve Seat O-Ring	6
8	W-440.01.03.00	Valve Body Assembly	6
9	W-440.01.004	Valve Spring	6
10	B-440322	Liner Retainer Ring	3
11	W-440.01.005	Bolt	12
12	W-440.01.006	NUT	12
13	B-440227	Piston Rod Clamp	3
14	B-440308	Piston Rod	3
15	W-440.01.007	Lock Nut	3
16	W-440.01.022	Piston 4 1/2"	3
17	GB/T3452.1-25	Clamp O-Ring	3
18	W-440307	Liner-4-1/2" stainless	3
19	W-440.01.008	Liner Gasket	3
20	W-440.01.009	Screw	12
21	D-440003	Module, Fluid, Small Bore	3
22	W-440.01.010	Valve Upper Cover Gasket	3
23	B-440323	Valve Cover Plug	3
24	W-440.01.011	Bolt	36
25	W-440.01.012	Nut	36
26	GB/T3452.1-475	Manifold Discharge O-Ring	3
27	D-440325	Discharge Pipe	1
28	W-440.01.013	Bolt	6
29	W-440.01.014	Nut	6

EWS-440 Pump Spare Parts List

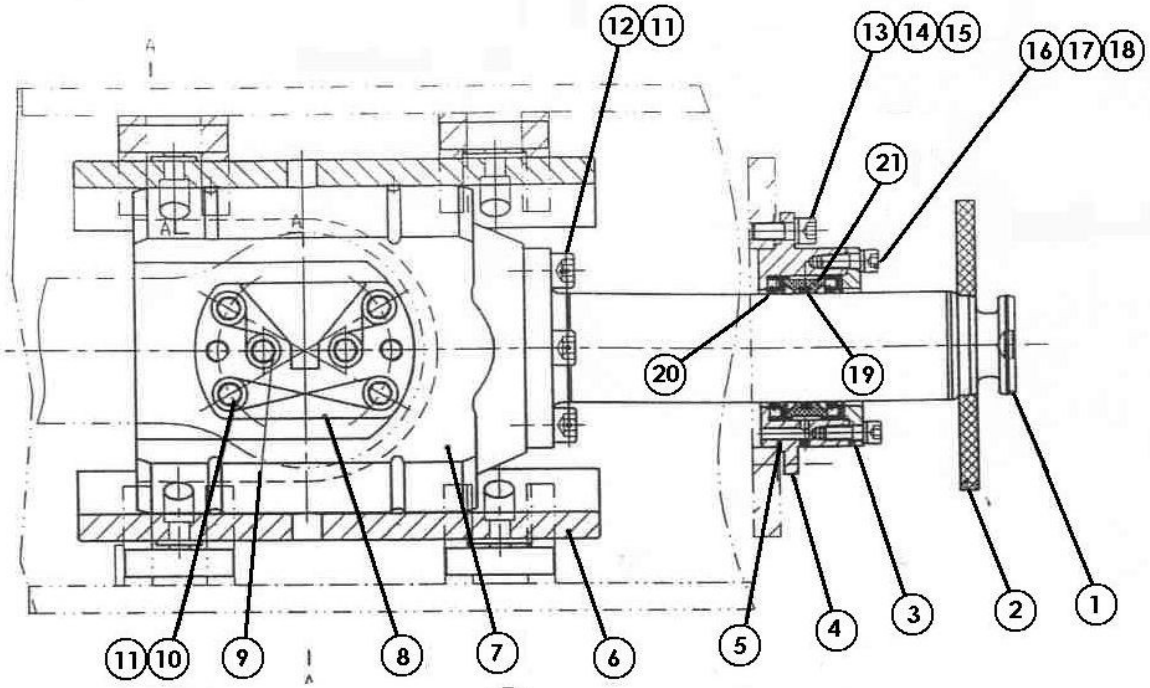
Lubrication Gear Pump Assembly

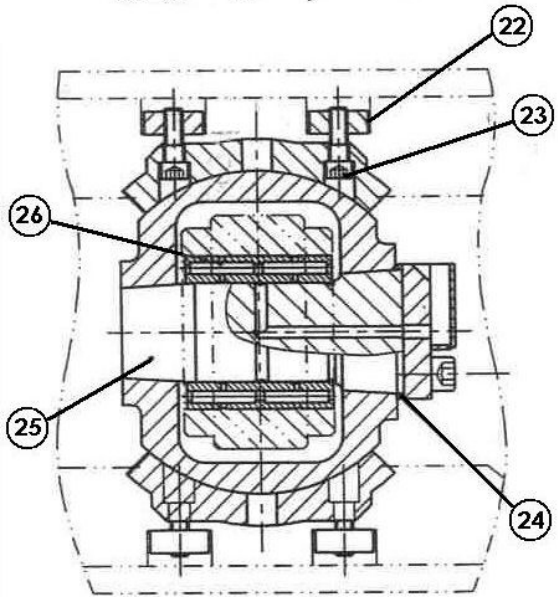


	P/N	Description	Quantity
1	W0801	Bolt	3
2	B-440212	Lubrication Pump Gear	1
3	W-440.08.17.001	Shaft Sleeve	1
4	W-440.08.023	Lubrication Pump	1
5	W0802	Bolt	8



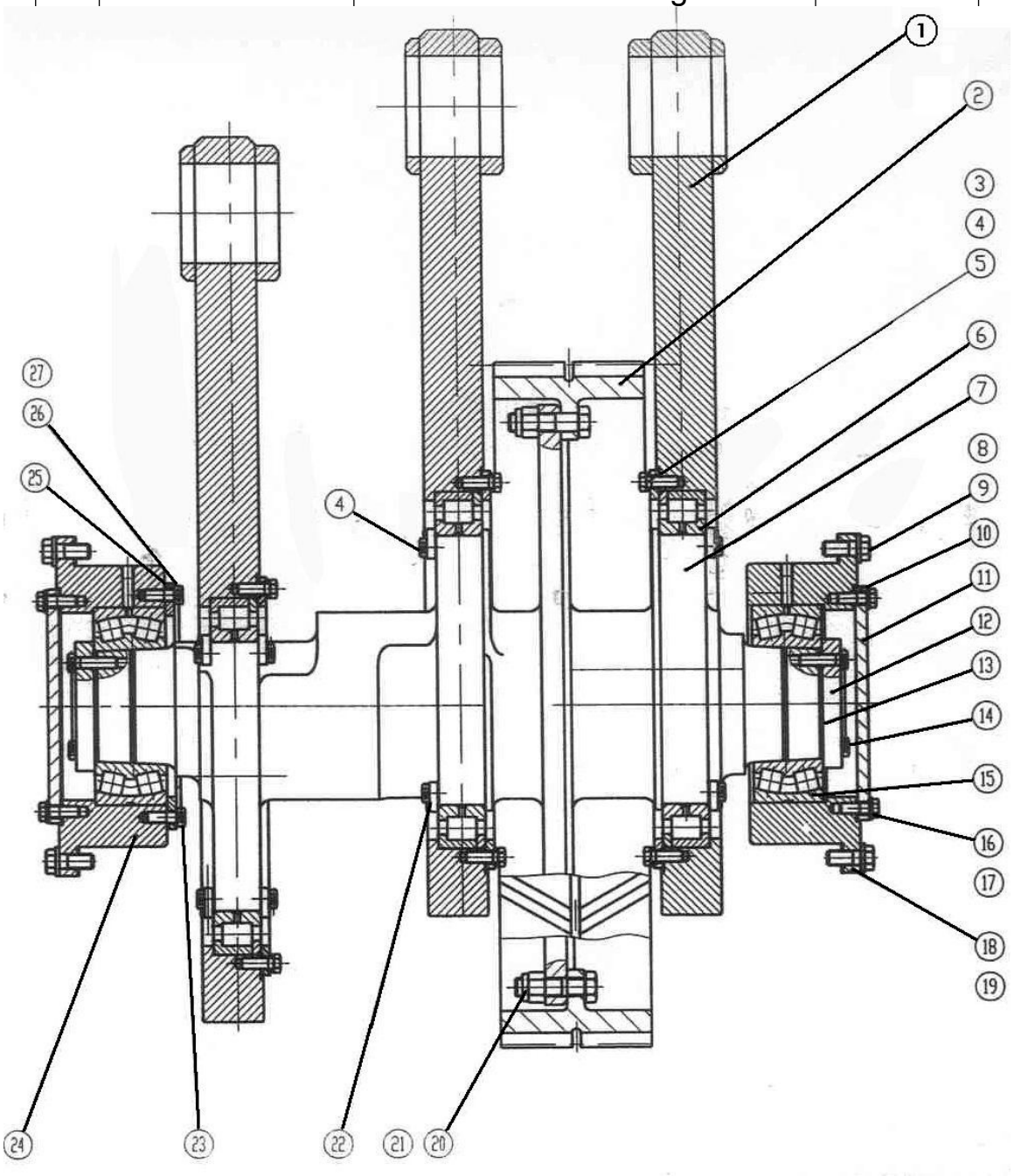
	P/N	Description	Quantity
1	D-440221	Pinion Gear Shaft	1
2	B-440232	Seal / Spacer	2
3	B-440229	Shaft Bearing Carrier	2





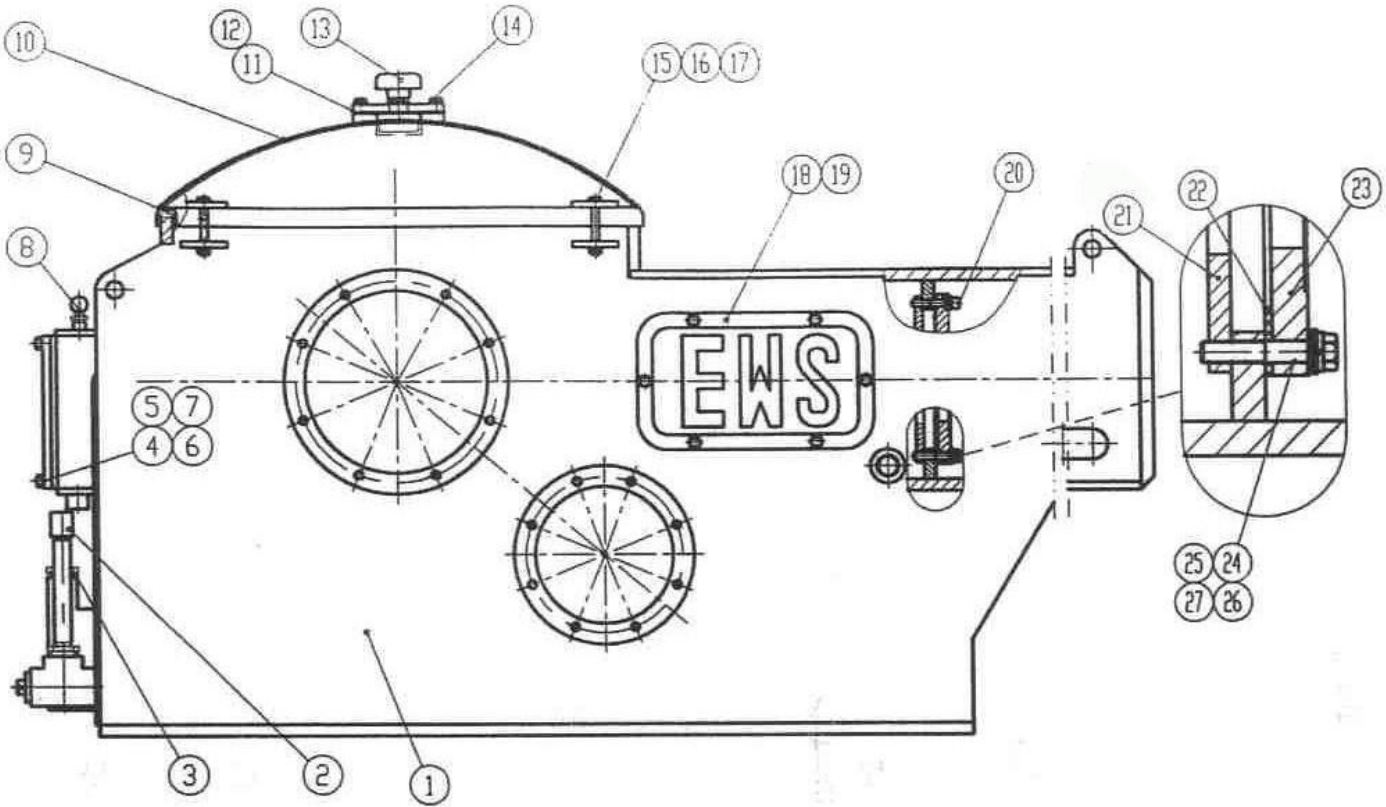
	P/N	Description	Quantity
1	B-440226	Pony Rod	1
2	B-440224	Baffle Disc (Rubber)	1
3	B-440235	Cover Plate Stuffing Box	1
4	B-440233	Stuffing Box X-head	1
5	B-440243	Gasket Stuffing Box X-head	1
6	B-440228	Crosshead Guide Pressurized	2
7	B-440213	Crosshead Pressurized	1
8	B-440222	Wrist Pin Retainer Plate	1
9	W0401	Bolt	2
10	W0402	Bolt	4
11		Steel Wire	

12	W0403	Bolt	4
13	W0404	Bolt	4
14	W-440.04.002	Rubber Ring 13	4
15	GB/T97.1	Gasket Stuffing Box Plate	4
16	W0405	Bolt	6
17	GB/T97.1	Gasket 10	6
18	W-440.04.003	Rubber Ring 10	6
19	W-440.04.005	Frame Oil Seal	2
20	W-440-04-006	Oil Seal Ring	1
21	GB3452.1-75	O-Ring	1
22	W-440-04-001	Cover Lock Plate	8
23	W0406	Bolt	8
24	W-440-04-004	Adjusting Gasket	1
25	B-440219	Wrist Pin	1
26	W-3361-C	Roller Bearing	1



	P/N	Description	Quantity
1	D-440208	Connecting Rod	3
2	D-440211	Bull Gear	1
3	B-440223	Eccentric Bearing Outer Race Retainer	3
4	W0501	Bolt	36
5	GB/T862.2	Outer Sawtooth Lock Gasket	36
6	ADD41105GE	Eccectric bearing	3
7	D-440202	Crank Shaft Machining	1
8	W0502	Bolt	16
9	W-440.05.001	Copper Washer	16
10	D-440144	Gasket Main Bearing Cover	2
11	D-440141	Main Bearing Cover	2
12	W-440.05.002	Crank Shaft Cover	2

13	W-440.05.003	Gasket Crank Shaft Cover	
14	W0503	Bolt	8
15	W33C3	Crank Shaft Main Bearing	2
16	W0504	Bolt	12
17	W-440.05.004	Copper Washer	12
18	D-440216	Main Right Bearing Carrier (r.h)	1
19	B-440252	Gasket Bearing Carrier	2
20	W0505	Bolt	12
21	W-440.05.005	Lock Nut	12
22	W-440.05.006	Connecting Rod Bearing Press Plate	12
23		Lock Iron Wire	
24	D-440215	Main Left Bearing Carrier	1
25	B-440217	Main Bearing Outer Race Retainer	1
26		Locktite Glue	
27	W0506	Bolt	30



	P/N	Description	Quantity
1	D-440134	Frame	1
2	W-440.07.01.00	Oil Level Indicator Assembly	1
3	W-440.07.03.00	Oil Cleaner	1
4	D-440119	Lube Pump Housing Back Cover	1
5	D-440119	Gasket Lube Pump Housing Back Cover	1
6	W0504	Bolt	24
7	GB/T97.1	Flat Washer	18
8	Y60-Z	Pressure Gauge	1
9		Rubber Strip	1
10	B-440136	Frame Cover	1
11	B-440166	Inspection Cover Gasket	1
12	B-440165	Inspection Cover Hole	1
13	W-440.07.02.00	Venting Cover	1
14	GB/T93	Spring Washer 12	6
15	W0701	Bolt	4
16	W0702	Nut	4
17	B-440164	Compression Fitting Plate	8

18	B-440129	Cross Head Cover	2
19	B-440142	Cross Head Cover Gasket	2
20	W0704	Screw	12
21	D-440142	Connecting Plate	3
22	W0704	Stuffing Box X-Head Seal Plate	3
23	D-440134-2	Connecting Plate A	3
24	W0703	Bolt 1/2" 13UNC 2 1/2"	12
25	GB/T93	Elastic Gasket 14	24
26	GB/T97.1	Flat Washer 14	24
27	W-440.04.002	Rubber Ring 13	24