

Preventative Maintenance Spare Parts HyPrecision 100D/150D

Use the list below for a preventative maintenance schedule for HyPrecision 100D and 150D pumps. Service intervals are recommended such that parts are replaced *prior* to failure.
Actual part life (high-pressure seals, rod seals, etc.) may be significantly higher than recommended service intervals.

Part Number	Description	Stocking Quantity	Service Interval (Hours) ¹	Priority ²
15563	Premium HP Seal Kit, HyPrecision ^{3,4}	4	500	A
15568	Poppet Kit, HyPrecision S & D Series ^{4,5}	4	1000	A
12981	Bleed-Down Valve Repair Kit	1	1000	A
11105	10" Water Filter, .45 Micron ⁴	2	1000	A
11106	10" Water Filter, 1 Micron ⁴	2	1000	A
11107	10" Water Filter, 10 Micron ⁴	2	1000	A
12719	Hydraulic Filter Element for 40CN2 Coreless ⁴	1	1500	A
11523	Check Valve Body	4	2000	A
11520	Low-Pressure Poppet Basket	4	2000	A
12943	Bleed-Down Valve Body	1	3000	B
11608	Plunger Bearing	4	3000	B
11522	High-Pressure Cylinder	4	3000	B
11669	Spring, Indicator Pin ⁴	4	3000	B
11609	Seal Housing	4	6000	B
11530	Output Adapter	4	6000	B
11518	Indicator Pin	4	6000	B
11613	Plunger	*	12000	C
13384	Low-Pressure Seal Kit	*	12000	C
11502	Hydraulic Cylinder ⁶	*	12000	C
11508	Piston ⁶	*	12000	C
11593	Plunger Retainer	*	12000	C
11310	Plunger Retaining Ring	*	12000	C
11529	High-Pressure End Cap	*	12000	C
11521	Spacer Tube	*	16000	C

¹ Assumptions: (1) good water quality, (2) pump operating at maximum output, and (3) proper procedures are followed during maintenance

³ Includes (4) high-pressure seals, (2) dynamic seal backups, (2) rod seals, and 2 sets of o-rings for seal housings and check valves

⁴ Standard Spares Kit, HyPrecision D-Series (15569) includes (4) 15563, (2) 15568, (1) 12981, (1) 11105, (1) 11106, (1) 11107, (1) 12719, and (4) 11669

⁵ Includes (2) high-pressure poppets, (2) high-pressure poppet springs, (2) high-pressure seats, and (2) low-pressure poppets

⁶ Special tools are required to assemble the piston in the hydraulic cylinder (parts can be ordered assembled)

* Stock these parts as the the service interval approaches

² Service Interval Priority Designation

Hours	Priority
0-2000 Hours	A
2001-6000 Hours	B
6000+ Hours	C