

Steel Hydraulic Reservoirs

Feature 11-ga. hot rolled steel construction and oil sight gauge with thermometer. Filler breathers filter air to 40 microns and provide easy access for adding hydraulic oil. Include appropriately sized and placed suction and return connections.

24W699, 24W701, and 24W702 have convenient cleanout covers.
24W703 and 24W704 include internal baffles with cutouts.

Nom. Cap. (gal.)	Removable Cover	Return Port (in.)	Suction Port Size (in.)	L (in.)	W (in.)	H (in.)	Item No.
Vertical							
2	Yes	½ NPT	1 NPT	10¾	8½	10½	24W699
5	Yes	½ NPT	1 NPT	10¾	10¾	16¾	24W701
8	Yes	¾ NPT	1½ NPT	14¾	12	18¾	24W702
Horizontal							
10	No	¾ NPT	1½ NPT	22¼	14	12¼	24W703
20	No	¾ NPT	1½ NPT	26¾	18	14¾	24W704



Aluminum Hydraulic Reservoirs and Tanks

Aluminum construction provides twice the heat dissipation of steel reservoirs.

RESERVOIRS

Include tank, oil sight gauge and filler breather, lid gasket, and lid with return/suction ports.

LEG KITS

Can be used with either reservoirs or tanks to improve air circulation under the tank.

ENVIRO SEALS

Heavy-duty seals help prevent oil leaks and can be used with either reservoirs or tanks.

TANK LIDS

Easily modified to accept vertical or horizontal pump/motor configurations and mounting of additional system hardware. Include lid, gasket, and fasteners.



Nom. Cap. (gal.)	L (in.)	W (in.)	H* (in.)	Return Port (in.)	Suction Port Size (in.)	RESERVOIRS		TANKS			LEG KITS		ENVIRO SEALS		TANK LIDS FOR TANKS ONLY	
						Mfr. Model	Item No.	Mfr. Model	Item No.	Mfr. Model	Item No.	Mfr. Model	Item No.	Mfr. Model	Item No.	
4.5	14¾	11½	11¾	½ NPT	1 NPT	84527102352	3JWR7	84527102105	3JWU1	84527101301	3JW2	—	—	84527102805	3JWU7	
7.1	19¾	13¾	13¾	¾ NPT	1½ NPT	84527102353	3JWR8	84527102107	3JWU2	84527101302	3JW3	84527102307	3JW5	84527102807	3JWU8	
11	20¾	16¾	14¾	¾ NPT	1½ NPT	84527102354	3JWR9	84527102111	3JWU3	84527101303	3JW4	84527102311	3JW6	84527102811	3JWU9	

* Height includes filler breather, not included on tanks.



Hydraulic Reservoir Breathers

- Operating temp.: -20° to 250°F
- 3-micron filter
- Silica gel desiccant type
- 1" NPT inlet

Help prevent moisture and particulates from entering the hydraulic system. Replace breather when silica gel changes color from blue to pink.

Description	Overall Length	Mfr. Model	Item No.
Reservoir Breathers			
Reservoir Breather	5 in	934330T	2NMR9
Reservoir Breather	7 in	934331T	2NMT1
Reservoir Breather	9 in	934332T	2NMT2
Breather Adapters			
Field Breather Adapter	—	937546	2NMT3
Flange Breather Adapter	—	937463	2NMT4



Filler Breathers

- Max. operating temp.: 200°F
- 40-micron filter
- Foam filter media

Use as a tank filler port to allow tank to breathe while keeping out airborne particles. 24W708 and 24W709 feature bayonet design.



Inlet Size	Outside Dia.	Overall Length	Overall Height	Item No.
Standard Reservoir Breather, Standard with Nickel-Chrome-Plated Steel Cap				
¾ in NPT	3 in	—	2.6 in	24W705
Miniature Reservoir Breather, Miniature with Polyamide Cap				
½ in NPT	1.57 in	—	1.5 in	24W706
Miniature Reservoir Breather with Polyamide Cap				
¾ in NPT	1.77 in	1.50 in	1.5 in	24W707
Side Mount Reservoir Filler Breather with Nickel-Chrome-Plated Steel Cap				
—	3 in	—	6.1 in	24W708
Standard Reservoir Filler Breather with Nickel-Chrome-Plated Steel Cap				
—	3 in	—	6.1 in	24W709

Reservoir Fluid Level/ Temperature Gauges

- Max. working pressure: 15 psi
- Max. temp.: 200°F

Level gauges with wide sight opening for maximum visibility. Crystal-clear glass sights are compatible with all mineral and petroleum-based fluids. ½-20 UNF threads on mounting bolts. For additional fluid level gauges, see page 2346.

Description	Item No.
Mounting Center Level Gauge 5 in	24W710
10 in Mounting Center Level Gauge	24W711



Hydraulic Suction Strainers

Use to filter oil at end of pick-up tube in oil reservoir. Stainless steel end plates and 3-pc. inner frame. Suction strainer is glass fiber construction. 100-mesh screen can be easily cleaned.

Thread Size	Nominal Flow	Overall Length	Dia.	Item No.
½ in NPT	5 gpm	3.11 in	2.62 in	24W720
¾ in NPT	8 gpm	3.5 in	2.62 in	24W721
1 in NPT	10 gpm	5.41 in	2.62 in	24W722
1¼ in NPT	20 gpm	6.91 in	3.41 in	24W723
1½ in NPT	30 gpm	8.1 in	3.41 in	24W724

