











# OWNER'S MANUAL

FORM: OM-242 384A

2009-01

## Hydraulic Reservoir Tank For EnPak (300 550)

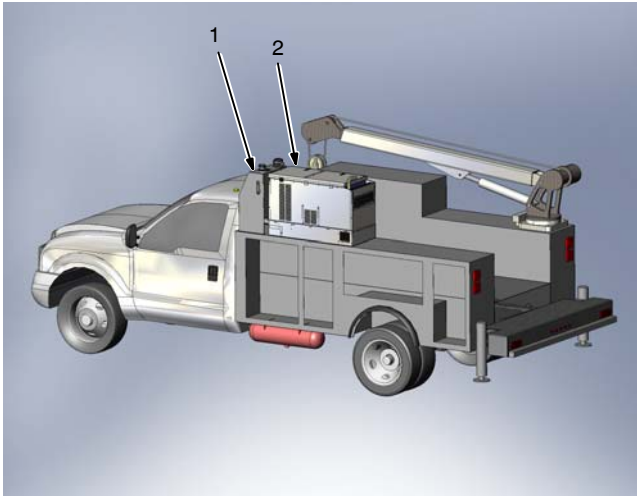
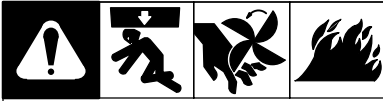
	<p><b>DANGER!</b> – Indicates a hazardous situation which, if not avoided, will result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p>		<p>Hot parts and fluid can cause severe burns.</p> <p>Do not touch hot parts bare handed or allow hot fluid to contact skin.</p> <p>Allow cooling period before working on equipment.</p> <p>To handle hot parts, use proper tools and/or wear heavy, insulated welding gloves and clothing to prevent burns.</p>
	<p>Indicates a hazardous situation which, if not avoided, could result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p>		<p>Moving parts can injure.</p> <p>Keep away from fans, belts and rotors.</p> <p>Keep all doors, panels, covers, and guards closed and securely in place.</p> <p>Keep hands, hair, loose clothing, and tools away from moving parts.</p> <p>Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied.</p> <p>Have only qualified people remove guards or covers for maintenance and troubleshooting as necessary.</p> <p>Reinstall doors, panels, covers, or guards when servicing is finished and before starting engine.</p>
<p><b>NOTICE</b></p> 	<p>Indicates statements not related to personal injury.</p> <p>Indicates special instructions.</p>		<p>Read instructions.</p> <p>Read Owner's Manual before installing, operating, or servicing unit.</p> <p>Use only genuine replacement parts from the manufacturer.</p> <p>Perform maintenance and service according to the Owner's Manuals, industry standards, and national, state, and local codes.</p>
	<p>Hydraulic equipment can injure or kill.</p> <p>Incorrect installation or operation of this unit could result in equipment failure and personal injury. Only qualified persons should install, operate, and service this unit according to its Owner's Manual, industry standards, and national, state, and local codes.</p> <p>Do not exceed the rated output or capacity of the hydraulic pump or any equipment in the hydraulic system. Design hydraulic system so failure of any hydraulic component will not put people or property at risk.</p> <p>Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied.</p> <p>Do not work on hydraulic system with unit running unless you are a qualified person and following the manufacturer's instructions.</p> <p>Do not modify or alter hydraulic pump or manufacturer-supplied equipment. Do not disconnect, disable, or override any safety equipment in the hydraulic system.</p> <p>Use only components/accessories approved by the manufacturer.</p> <p>Keep away from potential pinch points or crush points created by equipment connected to the hydraulic system.</p> <p>Do not work under or around any equipment that is supported only by hydraulic pressure. Properly support equipment by mechanical means.</p>	  	<p>Hydraulic fluid can injure or kill.</p> <p>Before working on hydraulic system, turn off and lockout/tagout unit, release pressure, and be sure hydraulic pressure cannot be accidentally applied.</p> <p>Relieve pressure before disconnecting or connecting hydraulic lines.</p> <p>Check hydraulic system components and all connections and hoses for damage, leaks, and wear before operating unit.</p> <p>Wear protective equipment such as safety glasses, leather gloves, heavy shirt and trousers, high shoes, and a cap when working on hydraulic system.</p> <p>Use a piece of paper or cardboard to search for leaks-- never use bare hands. Do not use equipment if leaks are found.</p> <p>HYDRAULIC FLUID is FLAMMABLE--do not work on hydraulics near sparks or flames; do not smoke near hydraulic fluid.</p> <p>Reinstall doors, panels, covers, or guards when servicing is finished and before starting unit.</p> <p>If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type of injury or gangrene may result.</p>

## 1. Specifications

Capacity	Return Line Filter	Fluid Height	Maximum Operating Angle
20 gal (76 L)	12 micron ISO 18/16/13 (MILLER Part No. 240 545)	24 in. (610 mm) above base of unit	15°

The reservoir is made of 12 gauge aluminized steel to reduce internal corrosion.

## 2. Installation



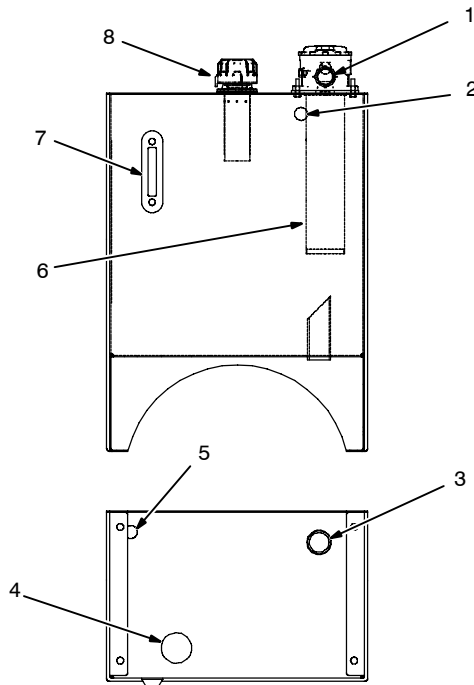
- 1 Hydraulic Reservoir
- 2 EnPak

Place reservoir as near as possible to the EnPak. The reservoir base must be at the same level or higher than the EnPak base. Suction line length greater than 72 in. (1829 mm) is NOT recommended.

**NOTICE** – Do not draw fluid at a height of less than 24 in. (610 mm) above the base of the EnPak. Premature pump failure can result.

805 454

## 3. Connecting To Reservoir



- 1 System Return Line  
Has SAE-16 (F) ORB fitting.
- 2 Case Drain Return Line  
Has SAE-12 (F) ORB fitting.
- 3 Suction Port  
Has SAE-24 (F) ORB fitting.
- 4 Immersion Heater Option  
Has 2-1/2 in NPT Female fitting.
- 5 Plugged Drain Port  
Has SAE-12 (F) ORB fitting.

☞ See *EnPak Owner's Manual* for hose size and type requirements and fluid recommendations.










- 6 Return Line Filter
- 7 Sight Glass
- 8 Filler Cap

☞ Always fill reservoir through filler cap breather assembly to prevent fluid contamination.

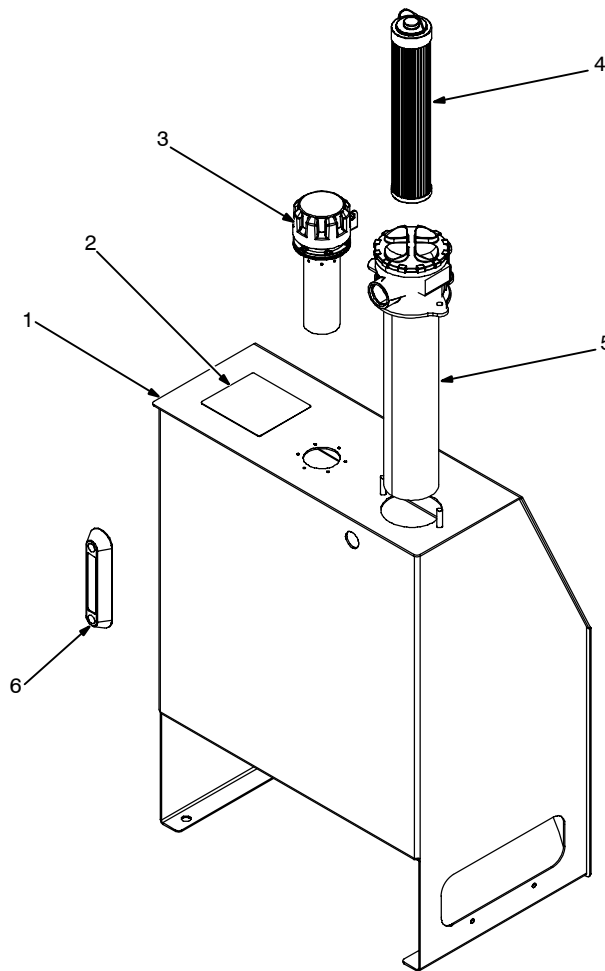
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## 4. Maintenance



⌚	◇ = Change      ● = Clean      ☆ = Replace			
Every 1000 Hours-or Yearly	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 33%;">                       ☆ Filter Element                      (MILLER Part No. 240 545)                 </td> <td style="text-align: center; width: 33%;">                       ◇ Hydraulic Fluid                 </td> <td style="text-align: center; width: 33%;">                       ● Filler Breather Assembly                 </td> </tr> </table>	 ☆ Filter Element (MILLER Part No. 240 545)	 ◇ Hydraulic Fluid	 ● Filler Breather Assembly
 ☆ Filter Element (MILLER Part No. 240 545)	 ◇ Hydraulic Fluid	 ● Filler Breather Assembly		

## 5. Parts List



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Item No.	Part No.	Description	Quantity
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### Hydraulic Reservoir

...	1	...	240544	..	Tank, Reservoir Hyd 20 Gal W/Filter	.....	1
...	2	...	240875	..	Label, Warning Hydraulic Reservoir	.....	1
...	3	...	240546	..	Cap, Tank Hyd Filler Breather Assy	.....	1
...	4	...	240545	..	Filter, Hyd Oil Element 12 Micron Iso 18/16/13	.....	1
...	5	...	242509	..	Filter Assy, Hyd Oil 12 Micron Iso 18/16/13	.....	1
...	6	...	242513	..	Gauge, Oil Level Sight	.....	1