



High-Pressure, High-Flow Filter Designed Specifically for the Mining, Off-Highway And Industrial Markets

Features and Benefits

- Clogged filter indicator with quick reset
 - Red indicator pin is triggered when the filter element is almost completely clogged
 - If the filter element becomes completely clogged, the grease will safely vent to the atmosphere, preventing contaminated grease from entering the reservoir
- Promotes cost-effective preventative maintenance
- Custom-designed filter element
- Allows for easy and quick cleaning or replacement
- Virtually crush proof element; available in both 250 and 470 micron steel screen sizes
- Durable ductile iron body construction
- 4500 psi (310 bar) pressure rating
- 10 gal./min. (38 liter/min.) maximum flow rate
- Three mounting points for stability

Model	Description
276492	250 micron filter
276492A	470 micron filter
282007	250 micron filter element
282008	470 micron filter element



Reservoir Low-Level Alarm Kits

Low-level kits signal need to fill reservoir

Model	Lubricant Type	Use with Models	Switch Type	Switch Capacity Voltage (Amps)	Feature
83671	Grease	82653, 82655, 83668, 83800, 83834, 83167, 83599, 1833, 1835, 1849, 85434, 85435, 85436, 85437, 85444, 85445	SPDT	125 VAC (15) 250 VAC (15) 480 VAC (15) 24 VDC (2) 125 VDC (½) 250 VDC (¼)	Connect to machine control or visual/audible alarm circuit.
83696	Oil	82570, 82573, 83667, 283167, 1848, 85430, 85431, 85440, 85441			
84629	Grease	84960			None
85490	Grease	84050			
249608	Grease	84050 new style	Includes follower, visual indication only.		

Follower Plates

Recommended when pumping lubricants that do not readily seek their own level.



Model	Use with Pump Model	Container Size
83370	87240, 87228	Standard U.S. 400 lb. refinery drum
83371	1823, 282288, 84960	Standard U.S. 120 lb. refinery drum
92544	1828, 1830	Standard U.S. 120 lb. refinery drum
92597	84050, 84944	Lincoln 60 lb. container
252725	85483	Lincoln 35 lb. unit
85489	85481	Lincoln 60 lb. unit

In-Line Lubricant Filters

Filters mount in pump outlet before vent valve on reciprocating pump systems. Removes solid contaminants before delivering lubricants to the supply line.



Model 84004,
84523

Part No.	Element Size micron	Maximum Pressure	Connections in.	Hex Body Size - in.
84004	140	5000 psig / 340 bar	½ NPTF (M)	¼
84528	570			
* 84239	10	6000 psig / 408 bar	¼ NPTF (F)	1¼

* In-line filter with fluoroelastomer seal.

Automatic Filling System Pressure Regulator

Pressurized systems automatically keep up to eight, single stroke oil pump reservoirs full at all times. Use with reservoir seal kits below. Fill pump not included.



Model	Fill Pump Requirements		Fill System Requirements			Lubricant Inlet/Outlet	Vent Outlet
	Max. * psig / bar	Max. Ratio	Max. Length		Reservoir Pressure psig / bar		
			5/8" Tube	3/8" Tube			
83372	125 / 8.6	3:1	100' / 30.5m	55' / 16.8m	5 / .34	½" NPT(F)	¼" NPTF(F)

* Indicates maximum lubricant output pressure.

Pressure Kits

Seal reservoirs for automatic filling.

Model	Use with Pump Models
83368	82885
83637	82570, 82573

Manual Filling Pumps

Designed to provide a fast, clean method of filling Centro-Matic pumps with a self-contained reservoir without the risk of lubricant contamination.



Model	Lubricant Type	Lubricant Output	Container Capacity	Hose Length	Lubricant Outlet	Dimensions - in. / mm		
						Height	Width	Container Diameter
81834	Grease NLGI #1 Max	1 oz/stroke 1.9 cu. in. 31 cc	30 lbs. 14.2 L	7' 2.1 m	645006 Hydraulic Coupler	26¾ 679	14 356	9 229
1254	Oil	1 pint / 7 strokes 473 cc	30 pints 14.2 L	5' 1.5 m	80599 Non- Drip Nozzle			



Metal Reservoirs: Rectangular reservoirs for gravity feed oil pumps

Standard 3/8" NPTF outlet furnished for gravity-fed pumps. Features spring loaded cap with strainer, sight gauge and Buna-N O-rings. Model 84376 Sight Gauge Kit available for use with synthetic oil.

Model	Capacity		Lubricant Outlet	Dimensions					
	gal	liter		Height in	Height mm	Width in.	Width mm	Depth in	Depth mm
87417	5	19	3/8" NPTF (F)	10 3/4	257	17 1/2	446	12 1/2	318
87418	3	11.3				13 1/2	343	11 1/2	292
87419	1.5	5.7				10 1/2	267	7 1/2	191



Cylindrical Reservoir

Four-gallon steel tank-type reservoir consisting of Model 82700 tank and Model 82612 mounting brackets. Incorporates large filler opening with screw cap.

Model	Tank Number	Bracket Number	Capacity	Lubricant Output	Dimensions - in. / mm	
					Height	Diameter
82621	82700	82612	4 gal. / 15.1L	1/2" NPT (F)	18 / 457	9 / 229



Ultrasonic Sensor

Ultrasonic High/Low Sensor to make it easier to know when the 60 lb. Centro-Matic® automated lubrication system reservoir is getting low on lubricant and when it's refilled to capacity. Sensor detects the position of the follower plate with ultrasonic waves to report the lubricant level. The sensor is factory programmed for a 60 lb. reservoir. Its two outputs drive external signaling devices or connect with a customer's PLC. Three standard LEDs offer visual indication of the sensor's status and reservoir level.

Model	Description
270782	Ultrasonic sensor
270781	Ultrasonic sensor socket (required)

Ambient Temp. Range	Protection	Power Supply Operating Range	Current less load	Switching Outputs		
				Max. Current	High Level	Low Level
-13°F to 158°F -25°C to 70°C	IP65	20 - 30 VDC	60 mA	200 mA	NO contact (closes when full)	NO contact (opens when low)