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Will maintain a fixed liquid level in a bearing housing or gear box vital in preventing possible machine breakdown due to insufficient lubrication.

SINGLE FEED LUBRICATORS.....24-25



Deliver a pre-adjusted rate of liquid, by gravity from a reservoir, through a normally closed solenoid or toggle shutoff valve to an adjustable needle valve, which has a friction lock to retain its setting.

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Liquid is released, by gravity, from a reservoir, through a normally closed solenoid or toggle shutoff valve to the new modular stacked multiple sight feed valves.

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Constant Level Lubricators

OIL-RITE SERVICE TO DESIGN AND PLANT ENGINEERS

Whether you are seeking the proper lubrication equipment for a machine still in the design stage or for machinery already in use, Oil-Rite can help you. Oil-Rite engineers, with all their accumulated knowledge and skills, will study your lubrication problem and help you select precisely the right equipment for your individual application. There's no obligation.

CAPACITY SELECTOR GUIDE-DROP FEED LUBRICATORS

The selection of reservoir capacity for drop feed lubricators should take into consideration:

1. Number of drops per minute to be dispensed.
2. Desired interval between refill.
3. Number of feed outlets in case of multiple lubricators.
4. Continuous or intermittent operations.

Table 1 serves as a guide and permits selection of a reservoir for individual needs.

Number of drops per minute	TABLE 1 Reservoir capacity in fluid oz.*			
	1 hour	8 hours	24 hours	5 days
1	.11	.9	2.8	14
2	.23	1.8	5.5	28
3	.34	2.8	8.3	41
5	.57	4.6	14.0	69
7	.80	6.4	19.0	96
10	1.15	9.2	28.0	138
15	1.72	14.0	41.0	207
20	2.30	18.0	55.0	275
25	2.87	23.0	69.0	344
30	3.44	28.0	83.0	413

*based on liquid drops of 3/16 dia.

Most drop feed lubricators usually deliver drops of approximately 3/16 dia. Smaller or larger drops will, of course, necessitate a decrease or increase of the reservoir capacity given in Table 1. To obtain the proper reservoir capacity for 1/8 dia. or 1/4 dia. drops, simply multiply the ounce capacity shown in Table 1 with the respective multiplier given in Table 2.

TABLE 2

Diameter of drops	Number of drops in 1 fluid oz.	Multiplier
1/8	1765	.0296
3/16	523	1.
1/4	221	2.37

TABLE 3-LIQUID MEASURE

1 U.S. gal.	= 128 fluid oz.	= 231 cu. in.
	= 4 quarts	= 8 pints
	= 3.785 liters	= 3785 c.c.
1 Fluid oz.	= 1.805 cu. in.	= 29.57 c.c.
1 Cubic in.	= 16.39 c.c.	= .554 fluid oz.
1 Liter	= 1000 c.c.	
	= .264 U.S. gal.	= 1.057 quarts
	= 61.023 cu. in.	= 33.814 fluid oz.

CONSTANT LEVEL LUBRICATOR WITH LOW LEVEL SAFETY SWITCHES will maintain a fixed liquid level within the bearing housing, vital in protecting bearings from failure and preventing possible machine breakdown due to insufficient lubrication. A safeguard against loss of lubricant is provided by a low level safety switch. The low level switch can be used to actuate warning devices or shut off a machine, thus protecting costly machinery.

Operation is based on the liquid seal principle. Whenever the liquid level recedes below the set level because of liquid consumption, the liquid seal on the spout, inside the lubricator, is temporarily broken. This allows air from the air intake to enter the reservoir, releasing the liquid until a seal and proper level are again established.

To refill unit, remove reservoir cap. An automatic shutoff will hold the liquid supply in the reservoir while refilling. After filling, screw cap on tightly and lubricator will resume normal functioning.

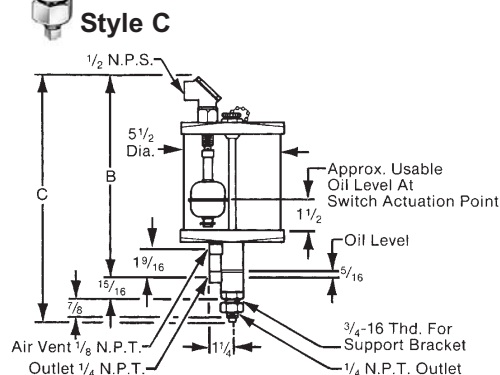


SPECIFICATIONS:

• Pressure	Atmospheric Pressure
• Temperature	160° F. Max.
• Reservoir	Acrylic
• Seals	Buna-N
• Covers	Aluminum Alloy
• Body	Aluminum Alloy
• Level Switch	Stainless Steel

When Ordering Specify:

- Catalog Number
- Refer to Page 36 for Installation Instructions



Catalog Number	Capacity	B	C
* B-2443-1	1/2 GAL.	13 1/8	15 7/16
* B-2443-2	1 GAL.	18 1/8	20 7/16

Reed Switch Magnetically Actuated
Normally Open
Max. Resistance Load
120 Volt A.C. .4A.
240 Volt A.C. .2A.
480 Volt A.C. N/R
24 Volt D.C. .5A.
120 Volt D.C. .2A.
240 Volt D.C. .1A.

* Special - Please Consult Factory

NOTE: For safety, long life, and best performance use this liquid level switch with Oil-Rite relay No. A-3160, A-3138 or A-4621 (see page 92) having a D.P.D.T. switch for 10 AMPS 115 Volts 60 Hertz.

Constant Level Lubricators

CONSTANT LEVEL LUBRICATORS are built to give long, trouble free service. The finest materials and workmanship are incorporated throughout. They will maintain a fixed liquid level in a bearing housing or gear box.

When the liquid in the bearing recedes because of liquid consumption, the liquid seal on the inside of the lubricator is temporarily broken. This allows air from the air intake to enter the lubricator reservoir, releasing the liquid until a seal and proper level are again established.

The Style CS Constant Level Lubricator is identical in design to Style C with two exceptions. A large sight for viewing the liquid level and condition of the liquid is provided, plus there are larger liquid outlets for rugged, heavy duty installations.

For reference, a liquid level line is scribed on the base. Units are easily refilled through a top filler cap. The reservoir need not be removed for refilling. A shutoff valve holds the

liquid in the reservoir when the filler cap is removed. After the cap is screwed down again, the lubricator resumes normal functioning.

An air vent is supplied which can be piped back to the bearing or gear box thereby equalizing any existing pressure or vacuum. The reservoir is crystal clear glass or shatterproof acrylic permitting the liquid supply to be visible at all times.

SPECIFICATIONS:

• Pressure	Atmospheric Pressure
• Temperature	160° F. Maximum Acrylic 225° F. Maximum Pyrex
• Reservoir	Acrylic or Pyrex
• Seals	Buna-N
• Sight	Glass
• Covers	Aluminum Alloy
• Body	Aluminum Alloy

When Ordering Specify:

- Catalog Number
- Refer to Page 36 for Installation Instructions



Style C



Style CS

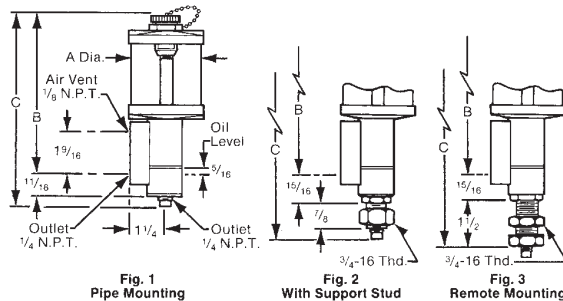


Fig. 1
Pipe Mounting

Fig. 2
With Support Stud

Fig. 3
Remote Mounting

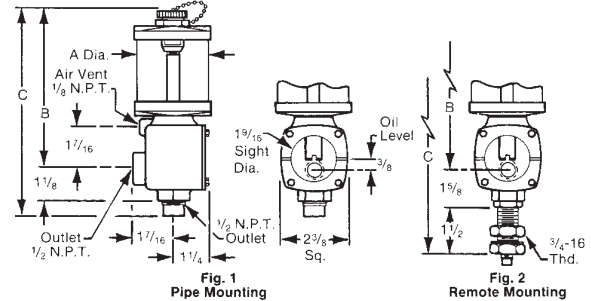


Fig. 1
Pipe Mounting

Fig. 2
Remote Mounting

Fig.	Catalog Number		Capacity	A	B	C
	Acrylic	Pyrex				
1	B-518-1	B-518-11	2 1/2 OZ.	2	5 3/16	6 3/8
	B-518-2	B-518-12	5 OZ.	2 1/2	5 11/16	6 7/8
	B-518-3	B-518-13	9 OZ.	3	6 1/2	7 11/16
	B-518-4	B-518-14	1 PT.	3 1/2	7 1/2	8 11/16
2	B-518-5	B-518-15	1 QT.	4 1/4	8 3/4	11 1/16
	B-518-6	B-518-16	1 1/2 GAL.	5 1/2	10 3/4	13 1/16
	B-518-7	—	1 GAL.	5 1/2	15 3/4	18 1/16
3	B-543-1	B-543-11	2 1/2 OZ.	2	5 3/16	7 5/8
	B-543-2	B-543-12	5 OZ.	2 1/2	5 11/16	8 7/8
	B-543-3	B-543-13	9 OZ.	3	6 1/2	8 15/16
	B-543-4	B-543-14	1 PT.	3 1/2	7 1/2	9 15/16
	B-543-5	B-543-15	1 QT.	4 1/4	8 3/4	11 3/16
	B-543-6	B-543-16	1 1/2 GAL.	5 1/2	10 3/4	13 3/16
	B-543-7	—	1 GAL.	5 1/2	15 3/4	18 3/16

Fig.	Catalog Number		Capacity	A	B	C
	Acrylic	Pyrex				
1	B-576-1	B-576-11	2 1/2 OZ.	2	5 1/4	7 1/16
	B-576-2	B-576-12	5 OZ.	2 1/2	5 3/4	7 9/16
	B-576-3	B-576-13	9 OZ.	3	6 9/16	8 3/8
	B-576-4	B-576-14	1 PT.	3 1/2	7 9/16	9 3/8
	B-576-5	B-576-15	1 QT.	4 1/4	8 13/16	10 5/8
	B-576-6	B-576-16	1 1/2 GAL.	5 1/2	10 13/16	12 5/8
	B-576-7	—	1 GAL.	5 1/2	15 13/16	17 5/8
2	B-737-1	B-737-11	2 1/2 OZ.	2	5 1/4	8 3/8
	B-737-2	B-737-12	5 OZ.	2 1/2	5 3/4	8 7/8
	B-737-3	B-737-13	9 OZ.	3	6 9/16	9 11/16
	B-737-4	B-737-14	1 PT.	3 1/2	7 9/16	10 11/16
	B-737-5	B-737-15	1 QT.	4 1/4	8 13/16	11 15/16
	B-737-6	B-737-16	1 1/2 GAL.	5 1/2	10 13/16	13 15/16
	B-737-7	—	1 GAL.	5 1/2	15 13/16	18 15/16

* Special - Please Consult Factory

Single Feed Electro Lubricators

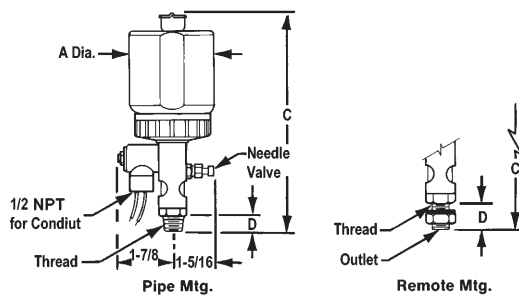
SINGLE FEED ELECTRO LUBRICATORS deliver a pre-adjusted rate of liquid, by gravity from a reservoir, through a normally closed solenoid valve to an adjustable needle valve, which has a friction lock to retain its setting.

These units are simple, yet efficient. The drop feeding of the liquid can easily be observed through a lower sight chamber. Flow is controlled by wiring the normally closed solenoid valve across the line of the drive motor, providing automatic operation. The solenoid can be operated by a separate switch or timer for intermittent use.

Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is provided on top of the reservoir.



Style DE



When Ordering Specify:

- Model Number
- Voltage and Frequency

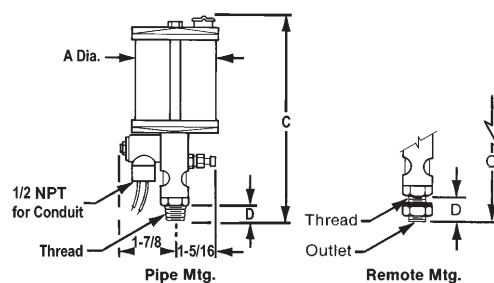
Model Number	Capacity	Thread Size	A	C	D
B-1763-1	1 OZ.	1/8 MALE N.P.T.	2	5 ³ / ₁₆	3/8
B-1763-2		1/4 MALE N.P.T.	2	5 ¹ / ₄	7/16
B-1763-3	2 1/2 OZ.	1/8 MALE N.P.T.	2	6 ³ / ₁₆	3/8
B-1763-4		1/4 MALE N.P.T.	2	6 ¹ / ₄	7/16
B-1763-5	5 OZ.	3/8 MALE N.P.T.	2	6 ³ / ₈	1/2
B-1763-6		1/8 MALE N.P.T.	2 7/8	6 ³ / ₁₆	3/8
B-1763-7		1/4 MALE N.P.T.	2 7/8	6 ¹ / ₄	7/16
B-1763-8	9 OZ.	3/8 MALE N.P.T.	2 7/8	6 ³ / ₈	1/2
B-1763-9		1/4 MALE N.P.T.	2 7/8	7 ¹ / ₂	7/16
B-1763-10		3/8 MALE N.P.T.	2 7/8	7 ⁵ / ₈	1/2
B-1763-11		1/2 MALE N.P.T.	2 7/8	7 ³ / ₄	5/8
B-1764-1	1 PT.	1/4 MALE N.P.T.	3 5/8	8 ¹³ / ₁₆	7/16
B-1764-2		3/8 MALE N.P.T.	3 5/8	8 ¹⁵ / ₁₆	1/2
B-1764-3		1/2 MALE N.P.T.	3 5/8	9 ¹ / ₁₆	5/8
B-1764-4	1 QT.	1/2 MALE N.P.T.	3 5/8	12 ⁷ / ₁₆	5/8
B-1764-7	1/2 GAL.	1/2 MALE N.P.T.	5	13 ³ / ₁₆	5/8
B-1763-12	1 OZ.	5/8-18 N.F. THD. FOR REMOTE MOUNTING WITH 1/8 FEMALE N.P.T. OUTLET	2	5 ⁹ / ₁₆	5/8
B-1763-13	2 1/2 OZ.		2	6 ⁹ / ₁₆	5/8
B-1763-14	5 OZ.		2 7/8	6 ⁹ / ₁₆	5/8
B-1763-15	9 OZ.		2 7/8	7 ¹³ / ₁₆	3/8
B-1764-5	1 PT.		3 5/8	9 ¹ / ₈	5/8
B-1764-6	1 QT.		3 5/8	12 ¹ / ₂	5/8
B-1764-8	1/2 GAL.		5	13 ³ / ₈	5/8

SPECIFICATIONS:

- Pressure Atmospheric Pressure
Gravity Feed Only
Reservoir and Sight Vented
- Temperature 160° F. Max. Acrylic
225° F. Max. Pyrex or Polycarbonate
- Metering Adjustable Needle Valve and
Solenoid Shutoff
- Reservoir Acrylic, Polycarbonate or Pyrex
- Seals Buna-N
- Sight Glass
- Covers Aluminum Alloy or Polypropylene
- Body Aluminum Alloy
- Shank Steel, Plated



Style DE



When Ordering Specify:

- Model Number
- Voltage and Frequency

Model Number		Capacity	Thread Size	A	C	D
Acrylic	Pyrex					
B-1875-1	B-1875-21	2 1/2 OZ.	1/8 MALE N.P.T.	2	5 ¹³ / ₁₆	3/8
B-1875-2	B-1875-22		1/4 MALE N.P.T.	2	5 ⁷ / ₈	7/16
B-1875-3	B-1875-23		3/8 MALE N.P.T.	2	5 ¹⁵ / ₁₆	1/2
B-1875-4	B-1875-24	5 OZ.	1/8 MALE N.P.T.	2 1/2	6 ⁵ / ₁₆	3/8
B-1875-5	B-1875-25		1/4 MALE N.P.T.	2 1/2	6 ³ / ₈	7/16
B-1875-6	B-1875-26		3/8 MALE N.P.T.	2 1/2	6 ⁷ / ₁₆	1/2
B-1875-7	B-1875-27	9 OZ.	1/4 MALE N.P.T.	3	7 ⁵ / ₁₆	7/16
B-1875-8	B-1875-28		3/8 MALE N.P.T.	3	7 ³ / ₈	1/2
B-1875-9	B-1875-29		1/2 MALE N.P.T.	3	7 ¹ / ₂	5/8
B-1875-10	B-1875-30	1 PT.	1/4 MALE N.P.T.	3 1/2	8 ⁵ / ₁₆	7/16
B-1875-11	B-1875-31		3/8 MALE N.P.T.	3 1/2	8 ³ / ₈	1/2
B-1875-12	B-1875-32		1/2 MALE N.P.T.	3 1/2	8 ¹ / ₂	5/8
B-1875-13	B-1875-33	1 QT.	1/2 MALE N.P.T.	4 1/4	9 ⁷ / ₈	5/8
B-1765-1	B-1765-5	1/2 GAL.	1/2 MALE N.P.T.	5 1/2	12	5/8
B-1765-2	—	1 GAL.	1/2 MALE N.P.T.	5 1/2	17	5/8
B-1875-16	B-1875-36	2 1/2 OZ.	5/8-18 NF THD. FOR REMOTE MOUNTING WITH 1/8 FEMALE NPT OUTLET	2	6 ⁹ / ₁₆	5/8
B-1875-17	B-1875-37	5 OZ.		2 1/2	6 ¹¹ / ₁₆	5/8
B-1875-18	B-1875-38	9 OZ.		3	7 ⁵ / ₈	5/8
B-1875-19	B-1875-39	1 PT.		3 1/2	8 ⁵ / ₈	5/8
B-1875-20	B-1875-40	1 QT.		4 1/4	9 ¹⁵ / ₁₆	5/8
B-1765-3	B-1765-7	1/2 GAL.	FEMALE NPT OUTLET	5 1/2	12 ⁷ / ₁₆	5/8
B-1765-4	—	1 GAL.		5 1/2	17 ¹ / ₁₆	5/8

* Special - Please Consult Factory

Single Feed Manual Lubricators

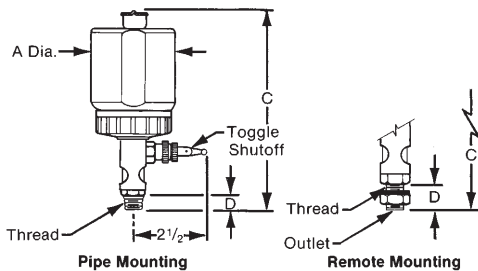
DROP FEED MANUAL LUBRICATORS deliver a pre-adjusted rate of liquid, by gravity, from a reservoir, through an adjustable needle valve which has a friction lock to retain its setting.

These units are simple, yet efficient. A toggle shutoff is provided which starts and stops the liquid flow but will not affect the metering adjustment. The controlled feed rate can be observed through the lower sight chamber.

Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is located on top of the reservoir.



Style DOSF



When Ordering Specify:

- Catalog Number

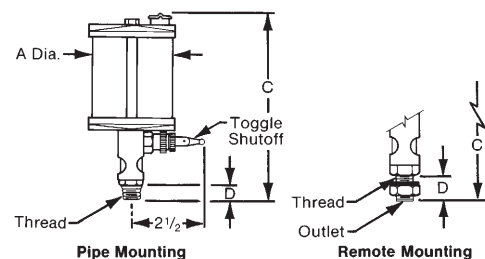
Catalog No.	Capacity	Thread Size	A	C	D
B-1681-1	1 OZ.	1/8 MALE N.P.T.	2	4 11/16	3/8
B-1681-2		1/4 MALE N.P.T.	2	4 3/4	7/16
B-1681-3		1/8 MALE N.P.T.	2	5 11/16	3/8
B-1681-4	2 1/2 OZ.	1/4 MALE N.P.T.	2	5 3/4	7/16
B-1681-5		3/8 MALE N.P.T.	2	5 7/8	1/2
B-1681-6		1/8 MALE N.P.T.	2 7/8	5 11/16	3/8
B-1681-7	5 OZ.	1/4 MALE N.P.T.	2 7/8	5 3/4	7/16
B-1681-8		3/8 MALE N.P.T.	2 7/8	5 7/8	1/2
B-1681-9		1/4 MALE N.P.T.	2 7/8	7	7/16
B-1681-10	9 OZ.	3/8 MALE N.P.T.	2 7/8	7 1/8	1/2
B-1681-11		1/2 MALE N.P.T.	2 7/8	7 1/4	5/8
B-1682-1		1/4 MALE N.P.T.	3 5/8	8 5/16	7/16
B-1682-2	1 PT.	3/8 MALE N.P.T.	3 5/8	8 7/16	1/2
B-1682-3		1/2 MALE N.P.T.	3 5/8	8 9/16	5/8
B-1682-4		1/2 MALE N.P.T.	3 5/8	11 15/16	5/8
B-1682-7	1 1/2 GAL.	1/2 MALE N.P.T.	5	12 13/16	5/8
B-1681-12	1 OZ.	5/8-18 N.F. THD. FOR REMOTE MOUNTING WITH 1/8 FEMALE N.P.T. OUTLET	2	5 1/16	5/8
B-1681-13	2 1/2 OZ.		2	6 1/16	5/8
B-1681-14	5 OZ.		2 7/8	6	5/8
B-1681-15	9 OZ.		2 7/8	7 1/4	5/8
B-1682-5	1 PT.		3 5/8	8 5/8	5/8
B-1682-6	1 QT.		3 5/8	12	5/8
B-1682-8	1 1/2 GAL.		5	12 7/8	5/8

SPECIFICATIONS:

- Pressure: Atmospheric Pressure, Gravity Feed Only, Reservoir and Sight Vented 160° F. Max. Acrylic, 225° F. Max. Pyrex or Polycarbonate
- Temperature: Adjustable Needle Valve and Toggle Shutoff
- Metering: Acrylic, Polycarbonate or Pyrex
- Reservoir: Buna-N
- Seals: Glass
- Sight: Steel, Plated
- Shank: Aluminum Alloy or Polypropylene
- Covers: Aluminum Alloy
- Body:



Style DOSF



When Ordering Specify:

- Catalog Number

Catalog Number		Capacity	Thread Size	A	C	D
Acrylic	Pyrex					
* B-1876-1	B-1876-21	2 1/2 OZ.	1/8 MALE N.P.T.	2	5 1/4	3/8
* B-1876-2	B-1876-22		1/4 MALE N.P.T.	2	5 5/16	7/16
* B-1876-3	B-1876-23		3/8 MALE N.P.T.	2	5 3/8	1/2
* B-1876-4	B-1876-24	5 OZ.	1/8 MALE N.P.T.	2 1/2	5 3/4	3/8
* B-1876-5	B-1876-25		1/4 MALE N.P.T.	2 1/2	5 13/16	7/16
* B-1876-6	B-1876-26		3/8 MALE N.P.T.	2 1/2	5 7/8	1/2
* B-1876-7	B-1876-27	9 OZ.	1/4 MALE N.P.T.	3	6 3/4	7/16
* B-1876-8	B-1876-28		3/8 MALE N.P.T.	3	6 13/16	1/2
* B-1876-9	B-1876-29		1/2 MALE N.P.T.	3	6 15/16	5/8
* B-1876-10	B-1876-30	1 PT.	1/4 MALE N.P.T.	3 1/2	7 3/4	7/16
* B-1876-11	B-1876-31		3/8 MALE N.P.T.	3 1/2	7 13/16	1/2
* B-1876-12	B-1876-32		1/2 MALE N.P.T.	3 1/2	7 15/16	5/8
* B-1876-13	B-1876-33	1QT.	1/2 MALE N.P.T.	4 1/4	9 5/16	5/8
* B-1715-1	B-1715-5	1/2 GAL.	1/2 MALE N.P.T.	5 1/2	11 7/16	5/8
* B-1715-2	—	1 GAL.	1/2 MALE N.P.T.	5 1/2	16 7/16	5/8
* B-1876-16	B-1876-36	2 1/2 OZ.	5/8-18 N.F. THD. FOR REMOTE MOUNTING WITH 1/8 FEMALE N.P.T. OUTLET	2	5 5/8	5/8
* B-1876-17	B-1876-37	5 OZ.		2 1/2	6 1/8	5/8
* B-1876-18	B-1876-38	9 OZ.		3	7 1/16	5/8
* B-1876-19	B-1876-39	1 PT.		3 1/2	8 1/16	5/8
* B-1876-20	B-1876-40	1QT.		4 1/4	9 3/8	5/8
* B-1715-3	B-1715-7	1/2 GAL.		5 1/2	11 1/2	5/8
* B-1715-4	—	1 GAL.		5 1/2	16 1/2	5/8

* Special - Please Consult Factory

Multiple Feed Electro Lubricators

MULTIPLE FEED ELECTRO LUBRICATORS have been revolutionized by utilizing a new manifold, multiple sight feed valve system. This exclusive and unique feature allows, for the first time, the option of changing the units in the field by merely stacking them together.

Liquid is released, by gravity, from a reservoir, through a normally closed solenoid valves to the new modular stacked multiple sight feed valves. Each valve is a complete unit that interlocks and seals with the preceding valve.

Up to 24 sight feed valves can be separately adjusted and the setting retained by means of a friction lock. Drop feeding of liquid to widely separated points can be controlled and observed from one central location.

The highest standard of quality is built into these Oil-Rite water resistant solenoid valves. The compact solenoid is usually wired across the line of the drive motor. The solenoid can be operated by a separate switch or timer for intermittent operation.

SPECIFICATIONS:

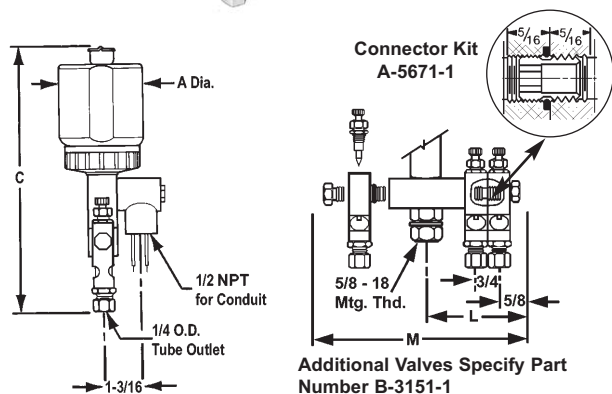
• Pressure	Atmospheric Pressure Gravity Feed Only Reservoir and Sight Are Vented
• Temperature	160° F. Max. Acrylic 225° F. Max. Pyrex or Polycarbonate
• Metering	Adjustable Needle Valve with Solenoid Shutoff
• Reservoir	Acrylic, Polycarbonate or Pyrex
• Valves	Aluminum Alloy
• Seals	Buna-N (Other Material Available)
• Sight	Glass
• Shank	Steel, Plated
• Covers	Aluminum Alloy or Polypropylene
• Body	Aluminum Alloy
• Connector Kit	Buna-N (Other Material Available)



Style DE



Style DE

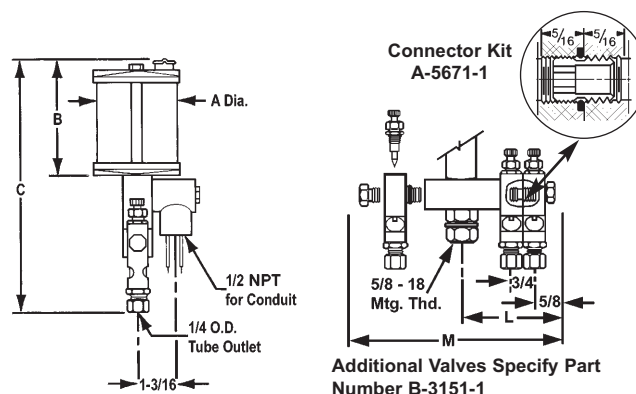


When Ordering Specify:

- Model Number
- Voltage and Frequency
- Number of Feeds

Model Number	Capacity	A	C
Polycarbonate			
B-3192-2	9 OZ.	2 ⁷ / ₈	9 ¹ / ₁₆
B-3192-3	1 PT.	3 ⁵ / ₈	10 ¹ / ₁₆
B-3192-4	1 QT.	3 ⁵ / ₈	13 ⁷ / ₁₆
B-3192-5	1/2 GAL.	5	14 ¹ / ₈

Feeds	2	3	4	5	6	12	24
L	2	2 ³ / ₄	2 ³ / ₄	3 ¹ / ₂	3 ¹ / ₂	5 ³ / ₄	10 ¹ / ₄
M	3 ¹⁵ / ₁₆	4 ¹¹ / ₁₆	5 ⁷ / ₁₆	6 ³ / ₁₆	6 ¹⁵ / ₁₆	11 ⁷ / ₁₆	20 ⁷ / ₁₆



When Ordering Specify:

- Model Number
- Voltage and Frequency
- Number of Feeds

Model Number		Capacity	A	B	C
Acrylic	Pyrex				
* B-3152-1	B-3152-11	5 OZ.	2 ¹ / ₂	3 ³ / ₈	7 ³ / ₄
* B-3152-2	B-3152-12	9 OZ.	3	4 ³ / ₁₆	8 ⁹ / ₁₆
B-3152-3	B-3152-13	1 PT.	3 ¹ / ₂	5 ³ / ₁₆	9 ⁹ / ₁₆
B-3152-4	B-3152-14	1 QT.	4 ¹ / ₄	6 ³ / ₄	11 ¹ / ₈
B-3152-5	B-3152-15	1/2 GAL.	5 ¹ / ₂	8 ³ / ₄	13 ¹ / ₈
B-3152-6	—	1 GAL.	5 ¹ / ₂	13 ³ / ₄	18 ¹ / ₈

Feeds	2	3	4	5	6	12	24
L	2	2 ³ / ₄	2 ³ / ₄	3 ¹ / ₂	3 ¹ / ₂	5 ³ / ₄	10 ¹ / ₄
M	3 ¹⁵ / ₁₆	4 ¹¹ / ₁₆	5 ⁷ / ₁₆	6 ³ / ₁₆	6 ¹⁵ / ₁₆	11 ⁷ / ₁₆	20 ⁷ / ₁₆

* Special - Please Consult Factory

Multiple Feed Manual Lubricators

MULTIPLE FEED MANUAL LUBRICATORS have been revolutionized by utilizing a new manifold, multiple sight feed valve system. This exclusive and unique feature allows, for the first time, the option of changing the units in the field by merely stacking them together.

Liquid is released, by gravity, from a reservoir, through a toggle shutoff valve which is located below the reservoir, to the new modular stacked multiple sight feed valves. Each valve is a complete unit that interlocks and seals with the preceding valve.

Up to 24 sight feed valves can be separately adjusted and the setting retained by means of a friction lock. Drop feeding of liquid to widely separated points can be controlled and observed from one central location.

SPECIFICATIONS:

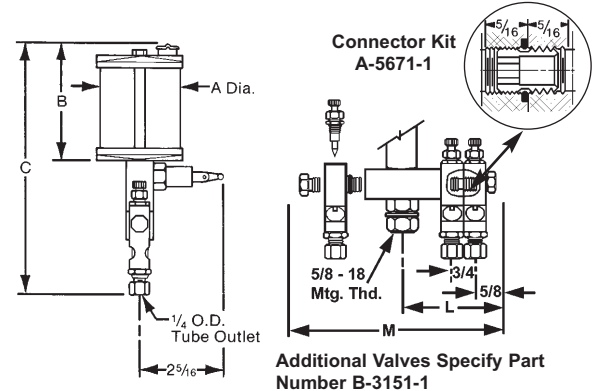
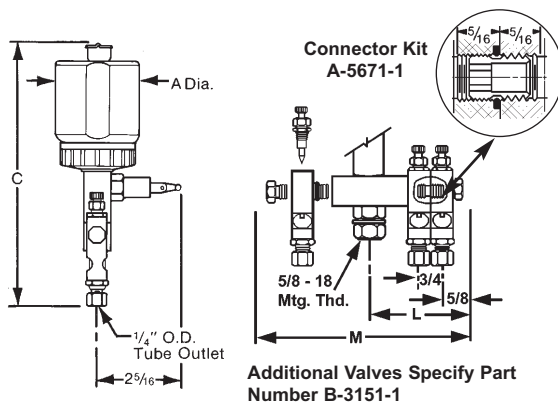
- Pressure Atmospheric Pressure
Gravity Feed Only
Reservoir and Sight Are Vented
- Temperature 160° F. Max. Acrylic
225° F. Max. Pyrex or Polycarbonate
- Metering Adjustable Needle Valve with Toggle Shutoff
- Reservoir Acrylic, Polycarbonate or Pyrex
- Valves Aluminum Alloy
- Seals Buna-N
- Sight Glass
- Shank Steel, Plated
- Covers Aluminum Alloy or Polypropylene
- Body Aluminum Alloy
- Connector Kit Buna-N (Other Material Available)



Style DM



Style DM



When Ordering Specify:

- Model Number
- Number of Feeds

Model Number	Capacity	A	C
Polycarbonate			
B-3193-2	9 OZ.	2 ⁷ / ₈	9 ¹ / ₁₆
B-3193-3	1 PT.	3 ⁵ / ₈	10 ¹ / ₁₆
B-3193-4	1QT.	3 ⁵ / ₈	13 ⁷ / ₁₆
B-3193-5	1/2 GAL.	5	14 ¹ / ₈

Feeds	2	3	4	5	6	12	24
L	2	2 ³ / ₄	2 ³ / ₄	3 ¹ / ₂	3 ¹ / ₂	5 ³ / ₄	10 ¹ / ₄
M	3 ¹⁵ / ₁₆	4 ¹¹ / ₁₆	5 ⁷ / ₁₆	6 ³ / ₁₆	6 ¹⁵ / ₁₆	11 ⁷ / ₁₆	20 ⁷ / ₁₆

When Ordering Specify:

- Model Number
- Number of Feeds

	Model Number		Capacity	A	B	C
	Acrylic	Pyrex				
* B-3153-1	B-3153-11		5 OZ.	2 ¹ / ₂	3 ³ / ₈	7 ³ / ₄
* B-3153-2	B-3153-12		9 OZ.	3	4 ³ / ₁₆	8 ⁹ / ₁₆
B-3153-3	B-3153-13		1 PT.	3 ¹ / ₂	5 ³ / ₁₆	9 ⁹ / ₁₆
B-3153-4	B-3153-14		1 QT.	4 ¹ / ₄	6 ³ / ₄	11 ¹ / ₈
B-3153-5	B-3153-15		1/2 GAL.	5 ¹ / ₂	8 ³ / ₄	13 ¹ / ₈
B-3153-6	—		1 GAL.	5 ¹ / ₂	13 ³ / ₄	18 ¹ / ₈

Feeds	2	3	4	5	6	12	24
L	2	2 ³ / ₄	2 ³ / ₄	3 ¹ / ₂	3 ¹ / ₂	5 ³ / ₄	10 ¹ / ₄
M	3 ¹⁵ / ₁₆	4 ¹¹ / ₁₆	5 ⁷ / ₁₆	6 ³ / ₁₆	6 ¹⁵ / ₁₆	11 ⁷ / ₁₆	20 ⁷ / ₁₆

* Special - Please Consult Factory

Full Flow Electro Dispensers

FULL FLOW ELECTRO DISPENSERS dispense liquid from a reservoir, by gravity, through an electro shutoff valve.

Designed to serve as a central reservoir of an oiling system, additional sight feed valves are needed for the regulation of liquid flow.

Flow is controlled by a normally closed solenoid valve. The compact solenoid is usually wired across the line of the drive motor providing automatic shutoff. The solenoid valve can be operated by a separate switch or timer for intermittent operation.

Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is provided on top of the reservoir.

SPECIFICATIONS:

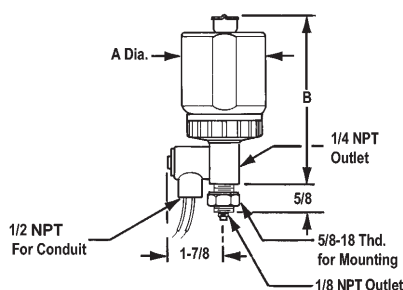
- Pressure Atmospheric Pressure
Gravity Feed Only
Reservoir is Vented
- Temperature 160° F. Max. Acrylic
225° F. Max. Pyrex or Polycarbonate
- Metering Full Flow with Solenoid Shutoff
- Reservoir Acrylic, Polycarbonate or Pyrex
- Seals Buna-N
- Shank Aluminum Alloy
- Covers Aluminum Alloy or Polypropylene
- Body Aluminum Alloy
- Port 1/4" Dia.



Style DEF



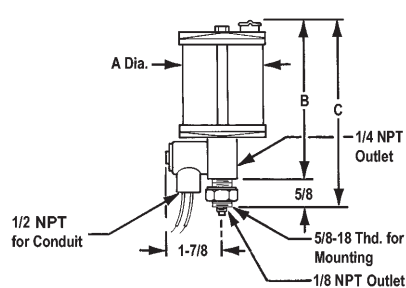
Style DEF



When Ordering Specify:

- Model Number
- Voltage and Frequency

Model Number Polycarbonate	Capacity	A	B
B-1733-1	1 OZ.	2	4 ³ / ₁₆
B-1733-2	2 ¹ / ₂ OZ.		5 ³ / ₁₆
B-1733-3	5 OZ.		5 ¹ / ₈
B-1733-4	9 OZ.	2 ⁷ / ₈	6 ³ / ₈
B-1733-5	1 PT.		7 ¹¹ / ₁₆
B-1733-6	1 QT.	3 ⁵ / ₈	11 ¹ / ₁₆
B-1733-7	1 ¹ / ₂ GAL.		11 ¹⁵ / ₁₆



When Ordering Specify:

- Model Number
- Voltage and Frequency

Model Number		Capacity	A	B	C
Acrylic	Pyrex				
* B-2084-2	B-2084-12	2 ¹ / ₂ OZ.	2	4 ³ / ₄	5 ³ / ₈
* B-2084-3	B-2084-13	5 OZ.	2 ¹ / ₂	5 ¹ / ₄	5 ⁷ / ₈
* B-2084-4	B-2084-14	9 OZ.	3	6 ³ / ₁₆	6 ¹³ / ₁₆
B-2084-5	B-2084-15	1 PT.	3 ¹ / ₂	7 ³ / ₁₆	7 ¹³ / ₁₆
B-2084-6	B-2084-16	1 QT.	4 ¹ / ₄	8 ¹ / ₂	9 ¹ / ₈
B-2084-7	B-2084-17	1 ¹ / ₂ GAL.	5 ¹ / ₂	10 ⁵ / ₈	11 ¹ / ₄
B-2084-8	—	1 GAL.	5 ¹ / ₂	15 ⁵ / ₈	16 ¹ / ₄

* Special - Please Consult Factory

Full Flow Manual Dispensers

FULL FLOW MANUAL DISPENSERS dispense liquid, by gravity, from a reservoir, through a toggle shutoff valve.

Designed to serve as a central reservoir of an oiling system, additional sight feed valves are needed for the regulation of liquid flow.

Flow is controlled by a toggle shutoff valve mounted below the dispenser.

Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is provided on top of the reservoir.

SPECIFICATIONS:

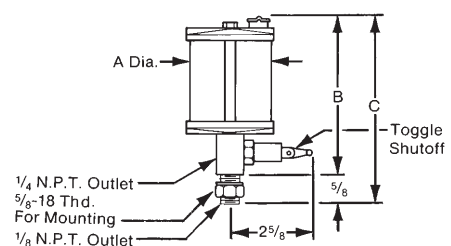
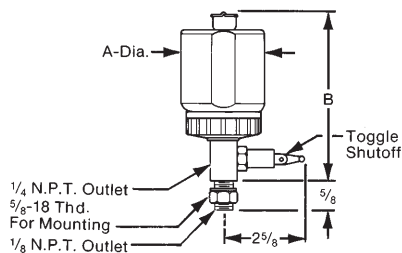
- Pressure Atmospheric Pressure
Gravity Feed Only
Reservoir is Vented
- Temperature 160° F. Max. Acrylic
225° F. Max. Pyrex or Polycarbonate
- Metering Full Flow with Toggle Shutoff
- Reservoir Acrylic, Polycarbonate or Pyrex
- Seal Buna-N
- Shank Aluminum Alloy
- Covers Aluminum Alloy or Polypropylene
- Body Aluminum Alloy
- Port 1/4" Dia.



Style DFF



Style DFF



When Ordering Specify:

- Catalog Number

Catalog Number	Capacity	A	B
Polycarbonate			
B-1734-1	1 OZ.	2	4 ³ / ₁₆
B-1734-2	2 ¹ / ₂ OZ.		5 ³ / ₁₆
B-1734-3	5 OZ.		5 ¹ / ₈
B-1734-4	9 OZ.	2 ⁷ / ₈	6 ³ / ₈
B-1734-5	1 PT.		7 ¹¹ / ₁₆
B-1734-6	1 QT.		11 ¹ / ₁₆
B-1734-7	1/2 GAL.	5	11 ¹⁵ / ₁₆

When Ordering Specify:

- Catalog Number

Catalog Number		Capacity	A	B	C
Acrylic	Pyrex				
* B-2083-2	B-2083-12	2 1/2 OZ.	2	4 ³ / ₄	5 ³ / ₈
* B-2083-3	B-2083-13	5 OZ.	2 ¹ / ₂	5 ¹ / ₄	5 ⁷ / ₈
* B-2083-4	B-2083-14	9 OZ.	3	6 ³ / ₁₆	6 ¹³ / ₁₆
B-2083-5	B-2083-15	1 PT.	3 ¹ / ₂	7 ³ / ₁₆	7 ¹³ / ₁₆
B-2083-6	B-2083-16	1 QT.	4 ¹ / ₄	8 ¹ / ₂	9 ¹ / ₈
B-2083-7	B-2083-17	1/2 GAL.	5 ¹ / ₂	10 ⁵ / ₈	11 ¹ / ₄
B-2083-8	—	1 GAL.	5 ¹ / ₂	15 ⁵ / ₈	16 ¹ / ₄

* Special - Please Consult Factory

Reservoirs

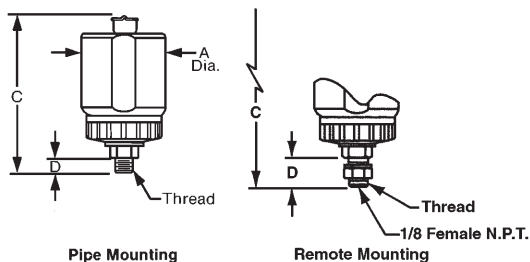
OIL CUPS dispense liquid, by gravity, from a reservoir and are furnished without shutoff or control valves.

These dispensers are designed to serve as a central reservoir of an oiling system. Shutoff valves and additional sight feed valves are needed for the regulation of liquid flow.

Durable, shatterproof acrylic reservoirs are for temperatures below 160°F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225°F. They are also useful for many applications where it is desirable to visually inspect the presence and clarity of the liquid. Self-closing filler caps are also provided.



Style D



When Ordering Specify:

- Catalog Number

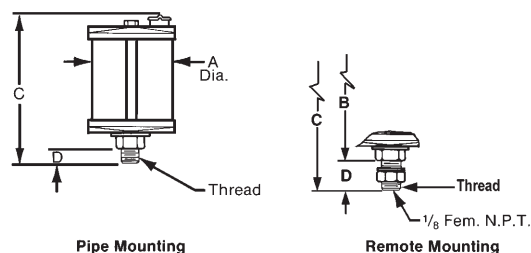
Catalog Number	Capacity	Thread Size	A	C	D
B-1748-1	1 OZ.	1/8 MALE N.P.T.	2	3	3/8
B-1748-2		1/4 MALE N.P.T.	2	3 1/16	7/16
B-1748-3		1/8 MALE N.P.T.	2	4	3/8
B-1748-4	2 1/2 OZ.	1/4 MALE N.P.T.	2	4 1/16	7/16
B-1748-5		3/8 MALE N.P.T.	2	4 1/8	1/2
B-1748-6		1/8 MALE N.P.T.	2 7/8	4	3/8
B-1748-7	5 OZ.	1/4 MALE N.P.T.	2 7/8	4 1/16	7/16
B-1748-8		3/8 MALE N.P.T.	2 7/8	4 1/8	1/2
B-1748-9		1/4 MALE N.P.T.	2 7/8	5 3/16	7/16
B-1748-10	9 OZ.	3/8 MALE N.P.T.	2 7/8	5 3/8	1/2
B-1748-11		1/2 MALE N.P.T.	2 7/8	5 1/2	5/8
B-1748-12		1/4 MALE N.P.T.	3 5/8	6 13/16	7/16
B-1748-13	1 PT.	3/8 MALE N.P.T.	3 5/8	6 7/8	1/2
B-1748-14		1/2 MALE N.P.T.	3 5/8	6 13/16	5/8
B-1748-24		1/4 MALE N.P.T.	3 5/8	10 3/16	7/16
B-1748-15	1 QT.	1/2 MALE N.P.T.	3 5/8	10 3/16	5/8
B-1748-25		1/4 MALE N.P.T.	5	10 7/8	7/16
B-1748-23		1/2 MALE N.P.T.	5	11 1/16	5/8
B-1748-16	1 OZ.	5/8-18 N.F. FOR REMOTE MTG. WITH 1/8 FEMALE N.P.T. OUTLET	2	3 1/4	5/8
B-1748-17	2 1/2 OZ.		2	4 1/4	5/8
B-1748-18	5 OZ.		2 7/8	4 1/4	5/8
B-1748-19	9 OZ.		2 7/8	5 1/2	5/8
B-1748-20	1 PT.		3 5/8	6 13/16	5/8
B-1748-21	1 QT.		3 5/8	10 3/16	5/8
B-1748-22	1/2 GAL.		5	11 1/16	5/8

SPECIFICATIONS:

- Pressure: Atmospheric Pressure
Gravity Feed Only
Reservoir Vented
- Temperature: 225° F. Max. Polycarbonate or Pyrex
160° F. Max. Acrylic
- Reservoir: Acrylic, Polycarbonate or Pyrex
- Seals: Buna-N
- Mtg. Shank: Steel, Plated
- Covers: Aluminum Alloy or Polypropylene



Style D



When Ordering Specify:

- Catalog Number

Catalog Number	Capacity	Thread Size	A	B	C	D
B966-3	2-1/2 OZ.	1/8 MALE NPT	2	3-7/16	3-13/16	3/8
B966-4		1/4 MALE NPT	2	3-7/16	3-7/8	7/16
B966-5		3/8 MALE NPT	2	3-7/16	3-15/16	1/2
B966-6	5 OZ.	1/8 MALE NPT	2-1/2	3-15/16	4-5/16	3/8
B966-7		1/4 MALE NPT	2-1/2	3-15/16	4-3/8	7/16
B966-8		3/8 MALE NPT	2-1/2	3-15/16	4-7/16	1/2
B966-9	9 OZ.	1/4 MALE NPT	3	4-7/8	5-5/16	7/16
B966-10		3/8 MALE NPT	3	4-7/8	5-3/8	1/2
B966-11		1/2 MALE NPT	3	4-11/16	5-5/16	5/8
B966-12	1 PT.	1/4 MALE NPT	3-1/2	5-7/8	6-5/16	7/16
B966-13		3/8 MALE NPT	3-1/2	5-7/8	6-3/8	1/2
B966-14		1/2 MALE NPT	3-1/2	5-11/16	6-5/16	5/8
B966-15	1 QT.	1/2 MALE NPT	4-1/4	7-1/16	7-11/16	5/8
B966-16	1/2 GAL.	1/2 MALE NPT	5-1/2	9-1/8	9-3/4	5/8
B966-17	1 GAL.	1/2 MALE NPT	5-1/2	14-1/8	14-3/4	5/8
B966-18	1 OZ.	5/8-18 NF FOR REMOTE MOUNTING WITH 1/8 FEMALE NPT OUTLET	1-1/2	2-7/16	3-1/16	5/8
B966-19	2-1/2 OZ.		2	3-1/4	3-7/8	5/8
B966-20	5 OZ.		2-1/2	3-3/4	4-3/8	5/8
B966-21	9 OZ.		3	4-11/16	5-5/16	5/8
B966-22	1 PT.		3-1/2	5-11/16	6-5/16	5/8
B966-23	1 QT.		4-1/4	7-1/16	7-11/16	5/8
B966-24	1/2 GAL.		5-1/2	9-1/8	9-3/4	5/8
B966-25	1 GAL.		5-1/2	14-1/8	14-3/4	5/8

* Special - Please Consult Factory

Reservoirs cont.

TEN OUNCE RESERVOIR ASSEMBLY dispenses liquid, by gravity. This reservoir is injection molded polycarbonate and the enclosure cap is injection molded polypropylene.

This reservoir is ideal for many applications. As an oil cup, it can be directly mounted to bearing housing, gear box, transmission, etc. It can also be assembled with a remote mounting shank, allowing for the reservoir to be mounted away from the point of application.

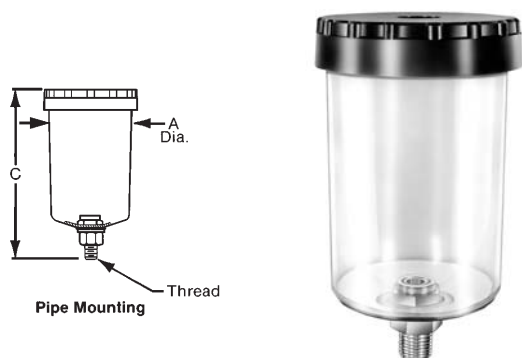
The polycarbonate reservoir is transparent, allowing for visual inspection of contents, and is compatible with a wide range of fluids. It will tolerate temperature changes from minus 40° F. to maximum of 150° F. without any significant dimensional changes. It is shatterproof, making it well suited for rugged industrial applications, as well as areas where glass is not permitted.

SPECIFICATIONS:

• Pressure	Atmospheric Pressure
• Temperature	150° F. Maximum
• Reservoir	Polycarbonate
• Seals	Viton®
• Mtg. Shank	Steel, Plated
• Cover	Polypropylene

When Ordering Specify:

- Catalog Number



Catalog Number		Capacity	Thread Size	A	C
With Filter	Without Filter				
A-5409-1	A-5409-2	10 OZ.	1/4 MALE N.P.T.	2 7/8	5 9/16
Also available in Remote Mounting					

Viton® is a registered trademark of Dupont Dow Corp.

POLYCARBONATE BOTTLES are fully transparent, sturdy, with rigid walls, almost indestructible, stain-resistant, and have a chemical resistance to wide range of fluids.

They can be used for a multitude of applications such as containers for storage, laboratory experiments, shipping of parts or liquids and oil dispensing reservoirs. The bottles are also ideal for retaining samples of chemical or medical products.

The bottles possess good fire resistant properties. They will permit the use of conventional marking or identifying techniques such as adhesive labels, silk screening, printing markers, etc.

The enclosure caps are made of ultraviolet stabilized polypropylene, a material which matches the polycarbonate bottles in mechanical, thermal and chemical resistance to fluids. A large opening in the bottle simplifies filling and emptying without spillage. The shape of the bottle is such that it can be held securely even when wet to unscrew the enclosure.

SPECIFICATIONS:

• Pressure	15 P.S.I. Max.	• Cover	Polypropylene
• Gasket	Buna-N	• Reservoir	Polycarbonate
• Temperature	-40° F to 225° F. Max.		

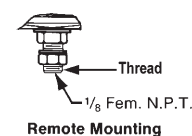
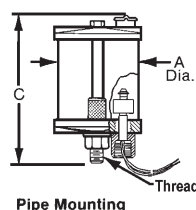
RESERVOIR WITH FILTER AND LOW LEVEL SENSOR dispenses liquid, by gravity, from a reservoir and are furnished without shutoff or control valves.

These dispensers are designed to serve as a central reservoir of an oiling system. Shutoff valves and additional sight feed valves are needed for the regulation of liquid flow.

Durable, shatterproof acrylic reservoirs are for temperatures below 160°F. Crystal clear pyrex or acrylic reservoirs are available for temperatures below 225°F. They are also useful for many applications where it is desirable to visually inspect the presence and clarity of the liquid. Self-closing filler caps are also provided.

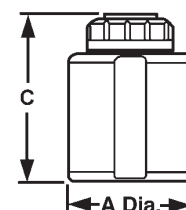
SPECIFICATIONS:

• Pressure	Atmospheric Pressure
• Temperature	225° F. Max. Pyrex 160° F. Max. Acrylic
• Reservoir	Acrylic or Pyrex
• Seals	Buna-N
• Low-Level Switch	Polypropylene
• Filter	100 Mesh
• Covers	Aluminum Alloy



Catalog Number		Capacity	Thread Size	A	C
Acrylic	Pyrex				
* B-3177-2	B-3177-52	1 QT.	3/8 MALE N.P.T.	4 1/4	7 3/4
* B-3177-3	B-3177-53	1QT.	1/2 MALE N.P.T.	4 1/4	7 3/4
B-3177-7	B-3177-57	1/2 GAL.	1/2 MALE N.P.T.	5 1/2	9 13/16
B-3177-11	—	1 GAL.	1/2 MALE N.P.T.	5 1/2	14 13/16
* B-3177-13	B-3177-63	1QT.	5/8-18 U.N.F. FOR REMOTE MTG. WITH 1/8 FEMALE N.P.T. OUTLET	4 1/4	7 3/4
B-3177-14	B-3177-64	1/2 GAL.		5 1/2	9 13/16
B-3177-15	—	1 GAL.		5 1/2	14 13/16

* Special - Please Consult Factory



Style DT

Catalog No.	Capacity	A	C
A-4615-1	1 OZ.	2	2 1/16
A-4615-2	2 1/2 OZ.		3 1/16
A-4615-3	5 OZ.	2 7/8	3
A-4615-4	9 OZ.		4 1/4
A-4615-5	1 PT.	3 5/8	5 1/4
A-4615-6	1 QT.		8 5/8
A-4615-7	1/2 GAL.	5	9 3/8

Acrylic and Steel Dispensers

HORIZONTAL ACRYLIC DISPENSERS dispense liquid by gravity, from a reservoir, with flow controlled by means of a shutoff valve.

These dispensers are designed to serve as a central reservoir of an oiling system. The horizontal dispenser permits the use of large capacities without increasing height. The horizontal dispenser permits the use of large volumes without a significant change in head pressure. This allows the dispenser to have a more consistent flow from the outlet.

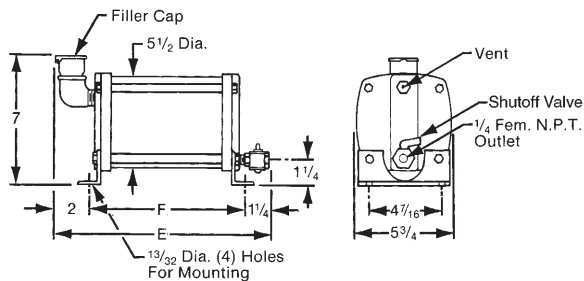
Reservoirs are rugged, transparent acrylic and permit a continuous check of liquid supply. Self-closing filler caps are provided.

SPECIFICATIONS:

- Pressure Atmospheric Pressure
Gravity Feed Only, Reservoir is Vented
- Temperature 160° F. Max. Acrylic
225° F. Max. Pyrex
- Metering Full Flow with Toggle Shutoff
- Reservoir Clear Acrylic or Pyrex
- Seals Buna-N
- Covers Aluminum Alloy
- Valve Brass
- Filler Cap Steel, Plated



Style DHG



When Ordering Specify:

- Catalog Number

Catalog Number		Capacity	E	F
Acrylic	Pyrex			
B-995-1	—	1 QT.	9	5 ³ / ₄
B-995-2	B-995-12	1/2 GAL.	12 ¹ / ₂	9 ¹ / ₄
B-995-3	—	1 GAL.	17 ¹ / ₂	14 ¹ / ₄
B-995-4	—	2 GAL.	30 ¹ / ₂	27 ¹ / ₄

STEEL DISPENSERS dispense liquid by gravity from a reservoir without flow valves or shutoffs.

Designed to serve as a central reservoir in an oiling system, shutoff valve and additional sight feed valves are needed for the regulation of oil flow.

Top filler cap with strainer and filter are provided along with proper outlets, drains and inlets. Units are provided with a liquid level gage for visual check of the oil supply. Tanks five (5) gallons and larger have a sediment chamber.

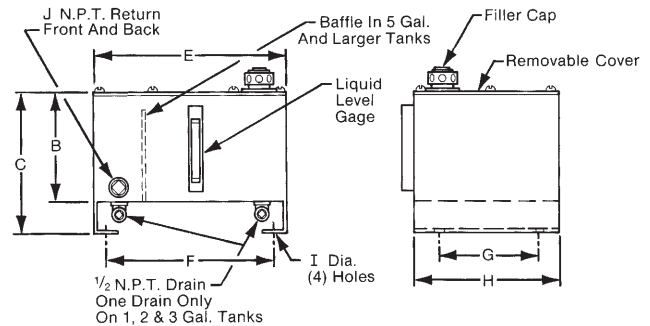
Constructed of welded heavy gage steel, the top cover plate is suitable for mounting of components. (Special design modifications are available on request).

SPECIFICATIONS:

- Temperature 225° F. Max.
- Tanks are all welded rigid construction suitable for component mounting on top cover
- Tank Steel, Painted
- Cover Steel, Painted
- Level Gage Aluminum Alloy
- Gaskets & Seals Buna-N and Vellumoid
- Filler Cap Steel, Plated



Style DT



When Ordering Specify:

- Catalog Number

Catalog Number	Capacity	B	C	E	F	G	H	I	J	Baffle
* B-770-1	1 GAL.	7 ³ / ₄	10	6	4 ³ / ₄	6 ¹ / ₄	7 ¹ / ₂	2 ¹ / ₆₄	—	NO
* B-770-2	2 GAL.	7 ³ / ₄	10	10	8 ³ / ₄	6 ¹ / ₄	7 ¹ / ₂	2 ¹ / ₆₄	—	NO
* B-770-3	3 GAL.	7 ³ / ₄	10	14	12 ³ / ₄	6 ¹ / ₄	7 ¹ / ₂	2 ¹ / ₆₄	—	NO
* B-774-2	5 GAL.	9	11 ¹ / ₂	16	14 ¹ / ₄	7	10	1 ⁷ / ₃₂	1	YES
* B-773-4	10 GAL.	12	15	20	18 ¹ / ₄	9	12	1 ⁷ / ₃₂	1	YES
* B-999-2	15 GAL.	12	15	24	21 ³ / ₄	12 ³ / ₄	15	1 ⁷ / ₃₂	1	YES
* B-1194-1	30 GAL.	24	27	24	21 ³ / ₄	12 ³ / ₄	15	1 ⁷ / ₃₂	1	YES
* B-1195-1	60 GAL.	29	32	30	28 ³ / ₄	17 ³ / ₄	20	1 ⁷ / ₃₂	1	YES

* Special - Please Consult Factory

Air Operated Dispensers

ACRYLIC AIR OPERATED DISPENSERS dispense liquid by air pressure, from a reservoir to elevated, distant and inaccessible points.

Designed to serve as a central reservoir of an oiling system, additional sight feed valves are needed for the regulation of liquid flow.

Air pressure is applied through an adjustable pressure regulator on the unit. This will reduce the pressure within the reservoir to a valve suitable for dispensing. Use higher pressure for heavy liquids and long pipe runs, and lower pressure for light liquids and shorter pipe runs.

To fill the dispenser, simply turn off the air supply, bleed the reservoir and replenish liquid through the large filler cap on top of the unit.

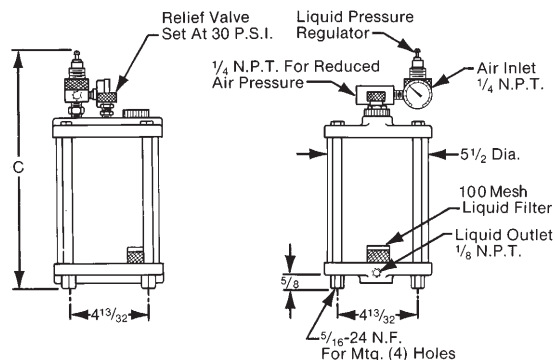
These units feature a liquid filter within the reservoir. The reservoir is made of crystal clear acrylic and provides a large filler cap.

SPECIFICATIONS:

- Pressure 30 P.S.I. Max.
- Temperature 160° F. Max.
- Air Flow 5 C.F.M. at 20 P.S.I.
- Liquid Flow 3 G.P.H. at 10 P.S.I.
- Components Externally Mounted
- Reservoir Clear Acrylic
- Seals Buna-N
- Covers Aluminum Alloy



Style DHP



When Ordering Specify:

- Catalog Number

Catalog Number	Capacity	C
* B-1318-1	1 QT.	8 ³ / ₄
B-1318-2	1/2 GAL.	12 ¹ / ₄
B-1318-3	1 GAL.	17 ¹ / ₄
* B-1318-4	2 GAL.	30 ¹ / ₄

STEEL AIR OPERATED DISPENSERS dispense liquid by air pressure from a reservoir to elevated, distant, and inaccessible points.

Designed to serve as a central reservoir of an oiling system, additional sight feed valves are needed for the regulation of oil flow.

Air pressure is applied through an adjustable pressure regulator on the unit. This will reduce the pressure within the reservoir to a valve suitable for dispensing: higher pressure for heavy oils and long pipe runs, lower pressure for light oils and shorter pipe runs.

To fill, simply turn off the air supply, bleed the reservoir and replenish liquid through the large filler cap on top of the unit.

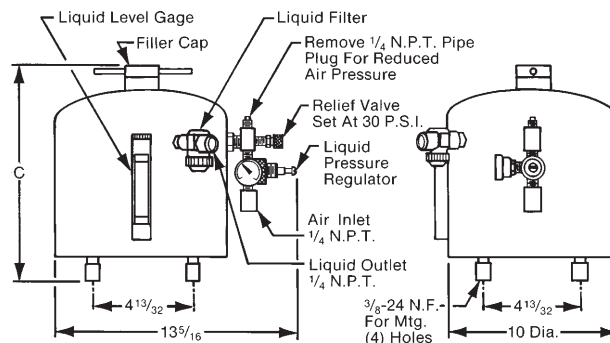
These units feature a liquid filter readily accessible from the outside of the tank. The reservoir is made of welded heavy gage steel and will withstand higher temperatures than the acrylic reservoir.

SPECIFICATIONS:

- Pressure 30 P.S.I. Max.
- Temperature 225° F. Max.
- Air Flow 5 C.F.M. at 20 P.S.I.
- Liquid Flow 3 G.P.H. at 10 P.S.I.
- Components Externally Mounted
- Reservoir Steel, Painted
- Seals Buna-N



Style DHP



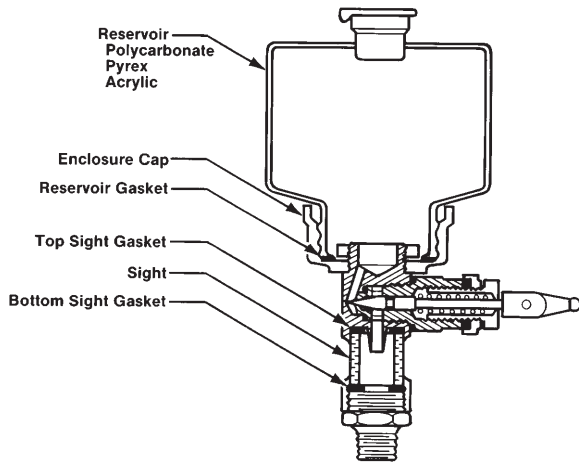
When Ordering Specify:

- Catalog Number

Catalog Number	Capacity	C
* B-1266-1	2 1/2 GAL.	12 ¹ / ₂
* B-1266-2	5 GAL.	20 ¹ / ₂

* Special - Please Consult Factory

Spare Parts

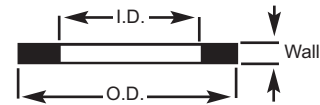


Sights and Sight Seals



Lubricator	Page Ref.	Catalog Number		
		Sight	Top Sight Seal	Btm. Sight Seal
Drop Feed Oilier Single Feed	4 & 5	A-2693-2	A-4603-2	A-2698-2
Drop Feed Oilier Multiple Feed	6 & 7	A-2693-1	A-4603-1	A-2698-1

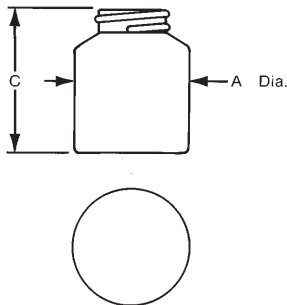
Enclosure Gaskets for Polycarbonate Reservoirs Buna-N



Catalog Number	Used On	O.D.	I.D.	Wall
A-2696-2	1 OZ. to 9 OZ.	1 1/2	1 1/8	3/32
A-2696-10	1 PT. to 1/2 GAL.	2 5/8	2 3/32	3/32

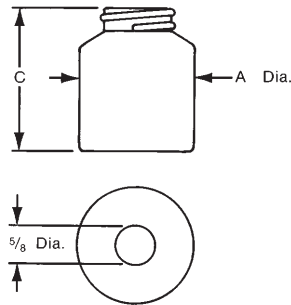
Polycarbonate Reservoirs

No Hole



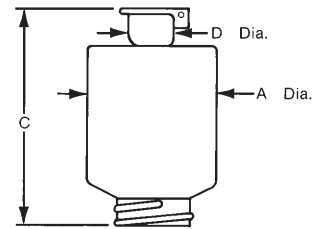
Catalog Number	Capacity	A	C
A-3515-1	1 OZ.	2	1 13/16
A-3515-2	2 1/2 OZ.		2 13/16
A-3277-1	5 OZ.	2 7/8	2 3/4
A-3277-2	9 OZ.		4
B-1654-1	1 PT.	3 5/8	4 3/4
B-1654-2	1QT.		8 1/8
B-2432-1	1/2 GAL.	5	9

With Center Hole



Catalog Number	Capacity	A	C
B-1683-50	1 OZ.	2	1 13/16
B-1683-51	2 1/2 OZ.		2 13/16
B-1683-52	5 OZ.	2 7/8	2 3/4
B-1683-53	9 OZ.		4
B-1683-54	1 PT.	3 5/8	4 3/4
B-1683-55	1QT.		8 1/8
B-1683-56	1/2 GAL.	5	9

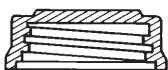
With Hinge Lid



Catalog Number	Capacity	A	C	D
B-2017-1	1 OZ.	2	2 1/8	3/8
B-2017-2	2 1/2 OZ.		3 1/8	
B-2017-3	5 OZ.	2 7/8	3 1/16	5/8
B-2017-4	9 OZ.		4 5/16	
B-2017-5	1 PT.	3 5/8	5 3/8	1
B-2017-6	1QT.		8 3/4	
B-2017-9	1/2 GAL.	5	9 5/8	

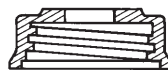
Polypropylene Enclosure Caps

No Hole



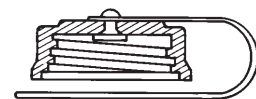
Catalog Number	Used On
B-1586-1	1 OZ. to 9 OZ.
B-2189-1	1 PT. to 1/2 GAL.

With Center Hole



Catalog Number	Used On
B-1677-2	1 OZ. to 9 OZ.
B-2221-6	1 PT. to 1/2 GAL.

With Retainer Strap



Catalog Number	Used On
A-4612-1	1 OZ. to 9 OZ.
A-4612-2	1 PT. to 1/2 GAL.

Spare Parts cont.

SOLENOID The following information is supplied as supplementary data on Oil-Rite solenoid operators. The normally closed solenoid operator can be supplied with the same voltage and frequencies as required for system drive motors, allowing it to be wired parallel to the motor providing automatic operation. Solenoid operators are warranted against failure and replacement coils are offered free on any coil that fails in the field for a nominal shipping charge.

SPECIFICATIONS:

- Pressure
 - 1/16 orifice 125 P.S.I.
 - 1/4 orifice 5 to 8 P.S.I.
 - Media Temperature -45° F. to + 185° F.
 - Nominal Power 7 Watts
 - Coil Construction
 - Water Resistant
 - Class "B" + 130° C.
 - Coil Housing Steel
 - Center Core Stainless Steel
 - Plunger Stainless Steel
 - Seat Buna-N
 - Seals Buna-N
 - (Optional Seal Material Ethylene Propylene, Viton®)
- (For complete operating characteristics consult factory.)

When Ordering Specify:

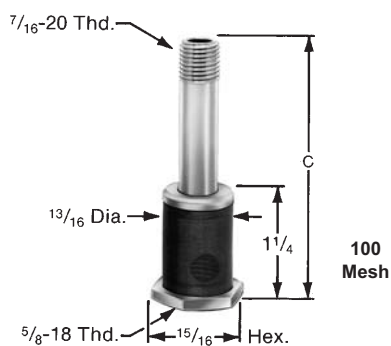
- Catalog Number

Buna-N Enclosure Gaskets for Acrylic and Pyrex Reservoirs.



Seals				
Catalog No.	Capacity	O.D.	I.D.	Wall
A-2696-2	1 OZ.	1 1/2	1 1/8	3/32
A-2696-4	2 1/2 OZ.	2 1/32	1 5/8	
A-2696-5	5 OZ.	2 17/32	1 7/8	
A-2696-6	9 OZ.	3 1/32	2 17/32	
A-2696-7	1 PT.	3 17/32	3 1/32	
A-2696-8	1 QT.	4 19/64	3 5/8	
A-2696-9	1 1/2, 1 & 2 GAL.	5 35/64	4 7/8	

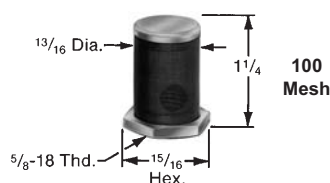
Acrylic and Pyrex Reservoir Filters



Catalog Number	Capacity	C
A-4656-1	5 OZ.	2 15/32
A-4656-2	9 OZ.	3 7/32
A-4656-3	1 PT.	4 7/32
A-4656-4	1 QT.	5 7/16
A-4656-5	1 1/2 GAL.	7 7/16
A-4656-6	1 GAL.	12 7/16

Spare Coil Only	
Catalog Number	Volts & Frequency
B-2508-101	120 volts, 60 Hz.
B-2508-102	240 volts, 60 Hz.
B-2508-103	480 volts, 60 Hz.
Other Volts and Frequency-Consult Factory	

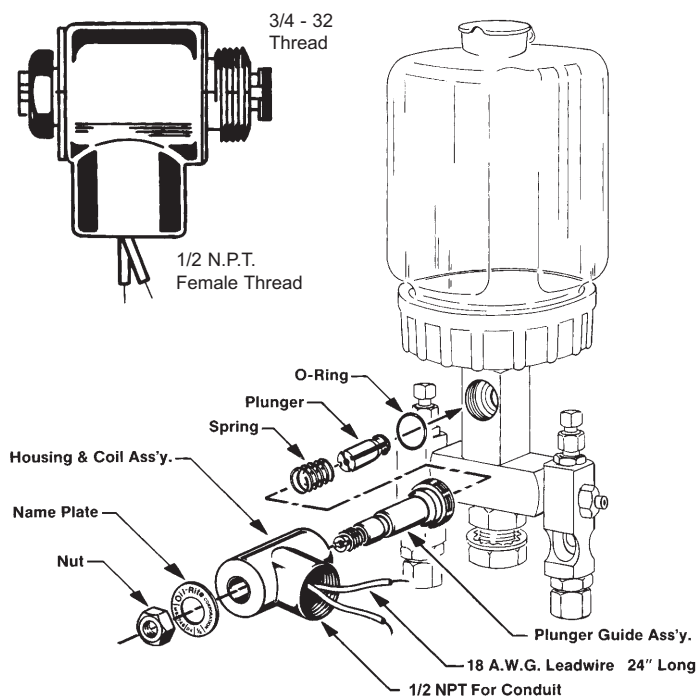
Polycarbonate Reservoir Filter



Catalog Number	Filter
A-4655-1	100 Mesh

The new solenoid operator is interchangeable with the following Oil-Rite styles currently in use:

DEY DEH DEF SLVA
DE DEJ DEC SLV

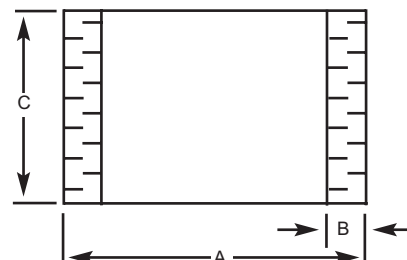


When Ordering Specify:

- Model Number
- Voltage and Frequency
- Seal Material

Solenoid Operator	
Model Number	B-1725-1

Acrylic and Pyrex Reservoirs



Reservoirs Pyrex				
Catalog Number	Capacity	A	B	C
A-2691-4	1 OZ.	1 1/2	1 1/8	1 3/8
A-2691-6	2 1/2 OZ.	2	5/32	1 7/8
A-2691-7	5 OZ.	2 1/2	3/16	2 3/8
A-2691-8	9 OZ.	3	13/64	3
A-2691-9	1 PT.	3 1/2	7/32	4
A-2691-10	1 QT.	4 1/4		5
A-2691-11	1 1/2 GAL.	5 1/2	1/4	7

Reservoirs Acrylic				
Catalog Number	Capacity	A	B	C
A-2692-21	1 OZ.	1 1/2	1/8	1 3/8
A-2692-25	2 1/2 OZ.	2		1 7/8
A-2692-28	5 OZ.	2 1/2		2 3/8
A-2692-30	9 OZ.	3		3
A-2692-33	1 PT.	3 1/2	3/16	4
A-2692-34	1 QT.	4 1/4		5
A-2692-36	1 1/2 GAL.			7
A-2692-37	1 GAL.	5 1/2		12
A-2692-38	2 GAL.			25

Viton® is a registered trademark of Dupont Dow Corp.

Constant Level Lubricator Installation Instructions

INSTALLATION

1. Liquid level is usually marked on the base of lubricator. Mount liquid by using side or bottom outlet at the exact and most desirable level.
2. Correct liquid level is lowest level at which bearing operates perfectly.
3. Lubricator should be level in all directions to function at its best.
4. Keep connections short, rigid, and close to bearing to avoid vibration.
5. Fill bearing well by filling lubricator. Repeated filling may be necessary.
6. The anti-friction bearings should be fitted with breather tubes piped to the outside or to air intake of lubricator.
7. **On lubricators with top filler cap, be sure cap is always screwed down tight. Removing filler cap shuts off oil supply. Loose filler cap causes leakage of liquid from reservoir through vent hole, rendering lubricator ineffective.**

PRINCIPLE

Constant level lubricators automatically maintain the liquid in a bearing reservoir at a constant level. Operation is based on the liquid seal principle. (Figure 1) When the liquid in the bearing recedes because of liquid consumption, the liquid seal on the inside of the lubricator is temporarily broken. This allows air from the air intake to enter the lubricator reservoir, releasing oil until a seal and proper level are again established.

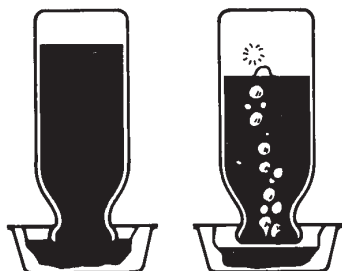


Figure 1

APPLICATIONS

Constant level lubricators are used on sleeve bearing, anti-friction bearings, gear boxes, pump housing, etc. Other uses include moistening pads and any other application demanding the maintenance of a constant liquid level.

LIQUID LEVEL

Oil-Rite has available constant level lubricators with fixed or with adjustable oil level. Original equipment manufacturers usually prefer lubricator with fixed liquid level to make an installation tamperproof.

LIQUID RESERVOIR

Oil-Rite offers constant level lubricators with acrylic, glass, or high temperature plastic reservoirs to suit specific applications. The reservoirs are transparent to permit a visual check of the oil supply at all times. Since the liquid in the reservoir assumes the same color as that in the bearing housing, a visual check of the condition of the liquid is also afforded.

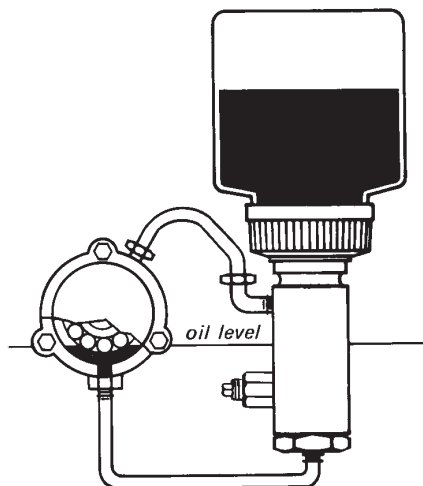


Figure 2

This installation (Figure 2) is especially suitable for bearings having excessive back pressure or vacuum. A constant level is maintained in spite of air pressure or vacuum in bearing, as equalizing tube assures static balance of pressure between bearing and lubricator.

AIR INLET

The air inlet on Oil-Rite's constant level lubricators is provided with a pipe thread to accommodate an air filter for the prevention of dust and dirt getting into the liquid.

For dusty and dirty surroundings, such as those found in cement mills, textile plants, paper mills, coal handling facilities, etc. it is recommended that the air inlet of the lubricator be piped into the top of the bearing housing. Such a closed circuit offers full protection.

Pressure differential between the air intake of the lubricator and the bearing housing, such as is experienced on ventilating fans and blowers, anti-friction bearings, etc., necessitates that the air inlet on the lubricator be piped into the top of the bearing housing to equalize pressure.

SURGE LEVEL

In certain cases, such as in gear boxes, a considerable quantity of liquid is carried by the gears to the upper portion of the gear housing during operation. After shutdown, the liquid surges back to the lubricator and raises the liquid level. Constant level lubricator should therefore be equipped with a sufficient surge level to prevent liquid from overflowing through the air intake.

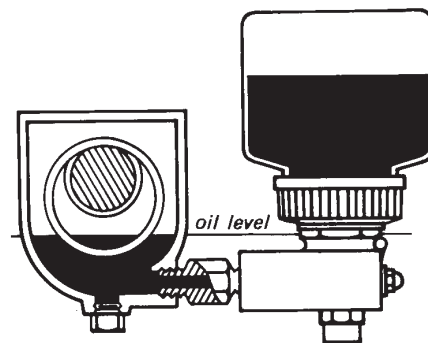


Figure 3

Typical installation (Figure 3) for ring-oiled bearings. Liquid level should be slightly above inside diameter of ring. With the correct liquid level the ring carries liquid to shaft smoothly without splashing and chattering.