Section 1000 Index

Oil-Rite® CORPORATION
P. O. BOX 1207, MANITOWOC, WI 54221-1207 (920) 682-6173 FAX (920) 682-7699
Internet http://www.oilrite.com e-mail sales@oilrite.com

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 OILERS

The selection of reservoir capacity for drop feed oilers 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 oilers.
4. Continuous or intermittent operations.

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

TABLE 1

Number of drops per minute	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 oilers 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.	= 1.805cu. in.	= 29.57c.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.

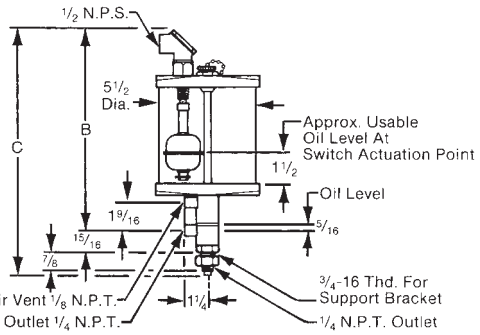
To refill unit, remove reservoir cap. An automatic shutoff will hold the liquid supply in the reservoir while refilling. After filling, screw cap on tightly and lubricator will resume normal functioning.

Style C

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



	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 72) having a D.P.D.T. switch for 10 AMPS 115 Volts 60 Hertz.

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Constant Level Oilers

CONSTANT LEVEL OILERS 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 Oiler 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

Style C

Style CS

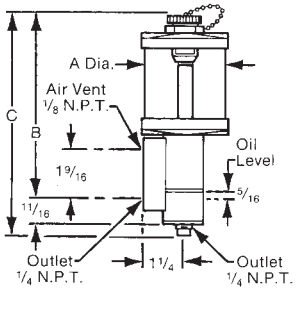

Fig. 1
Pipe Mounting

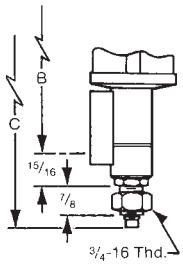

Fig. 2
With Support Stud

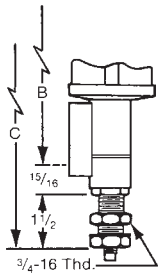

Fig. 3
Remote Mounting

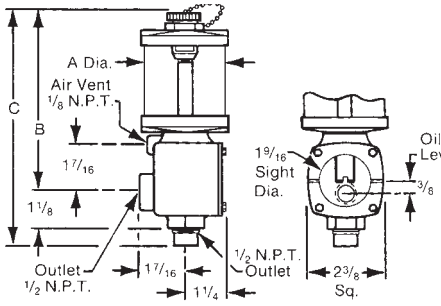

Fig. 1
Pipe Mounting

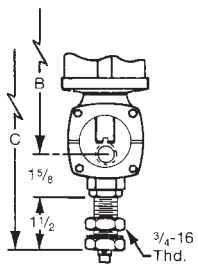

Fig. 2
Remote Mounting

	Fig.	Catalog Number Acrylic	Catalog Number Pyrex	Capacity	A	B	C
	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	1/2 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 1/8
		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	1/2 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 Acrylic	Catalog Number Pyrex	Capacity	A	B	C
	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	1/2 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	1/2 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

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Single Feed Electro Oilers

SINGLE FEED ELECTRO OILERS 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.

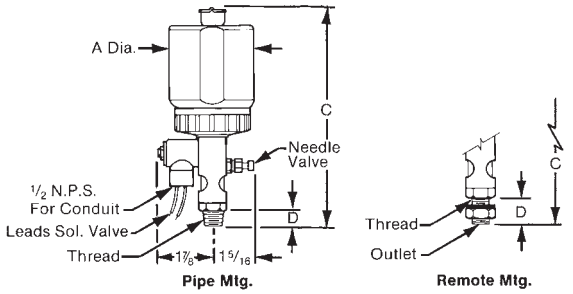
These units are simple, yet efficient. The drop feeding of the liquid can easily be observed through a lower sight chamber. Flow is controlled by wiring the normally closed solenoid valve across the line of the drive motor, providing automatic operation. The solenoid can be operated by a separate switch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

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

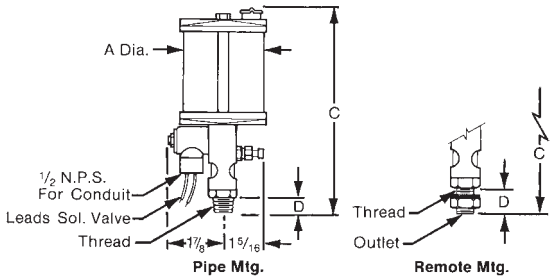


When Ordering Specify:

- Model Number
- Voltage and Frequency

	Model Number Polycarbonate	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		3/8 MALE N.P.T.	2	6 3/8	1/2
*	B-1763-6	5 OZ.	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		3/8 MALE N.P.T.	2 7/8	6 3/8	1/2
*	B-1763-9	9 OZ.	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 5/16	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 3/16	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

Style DE



When Ordering Specify:

- Model Number
- Voltage and Frequency

	Model Number Acrylic	Model Number Pyrex	Capacity	Thread Size	A	C	D
*	B-1875-1	B-1875-21	2 1/2OZ.	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	1QT.	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 3/16	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.		5 1/2	12 1/16	5/8
	B-1765-4	—	1 GAL.		5 1/2	17 1/16	5/8

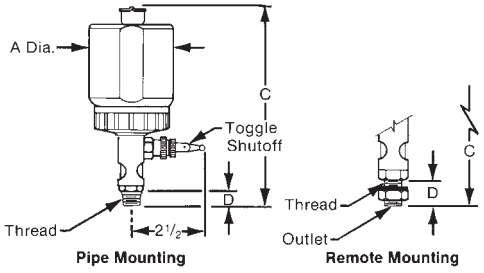
* Special - PleaseConsult Factory

DROP FEED MANUAL OILERS 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



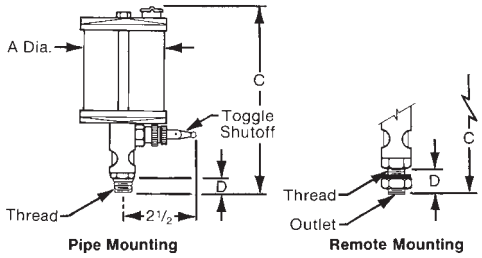
When Ordering Specify:
- Catalog Number

Catalog No. Polycarbonate	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	2 1/2 OZ.	1/8 MALE N.P.T.	2	5 11/16	3/8
B-1681-4		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	5 OZ.	1/8 MALE N.P.T.	2 7/8	5 11/16	3/8
B-1681-7		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	9 OZ.	1/4 MALE N.P.T.	2 7/8	7	7/16
B-1681-10		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 PT.	1/4 MALE N.P.T.	3 5/8	8 5/16	7/16
B-1682-2		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 QT.	1/2 MALE N.P.T.	3 5/8	11 15/16	5/8
B-1682-7	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	1/2 GAL.		5	12 7/8	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 Toggle Shutoff
• Reservoir	Acrylic,Polycarbonate or Pyrex
• Seals	Buna-N
• Sight	Glass
• Shank	Steel, Plated
• Covers	Aluminum Alloy or Polypropylene
• Body	Aluminum Alloy

Style DOSF



When Ordering Specify:
- Catalog Number

	Catalog Number Acrylic	Catalog Number Pyrex	Capacity	Thread Size	A	C	D
*	B-1876-1	B-1876-21	2 1/2OZ.	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 Oilers

MULTIPLE FEED ELECTRO OILERS 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 valve to the new modular stacked multiple sight feed valves. Each valve is a complete unit that interlocks and seals with the preceding valve.

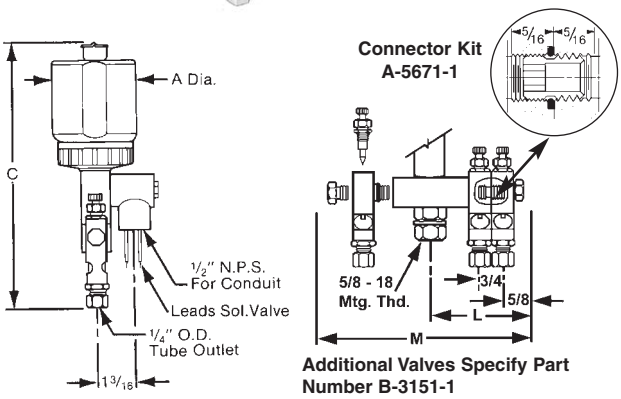
Up to 24 sight feed valves can be separately adjusted and the setting retained by means of a friction lock. Drop feeding of liquid to widely separated points can be controlled and observed from one central location.

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



Additional Valves Specify Part Number B-3151-1

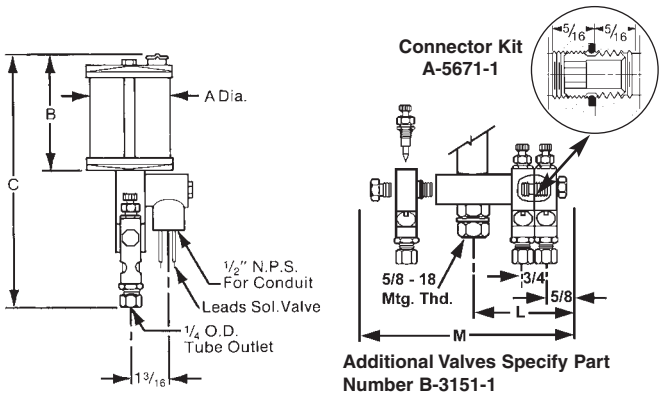
When Ordering Specify:

- Model Number
- Voltage and Frequency
- Number of Feeds

Model Number Polycarbonate	Capacity	A	C
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	$3^{15}/_{16}$	$4^{11}/_{16}$	$5^{7}/_{16}$	$6^{3}/_{16}$	$6^{15}/_{16}$	$11^{7}/_{16}$	$20^{7}/_{16}$

Style DE



Additional Valves Specify Part Number B-3151-1

When Ordering Specify:

- Model Number
- Voltage and Frequency
- Number of Feeds

	Model Number Acrylic	Model Number Pyrex	Capacity	A	B	C
*	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 Oilers

MULTIPLE FEED MANUAL OILERS 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.

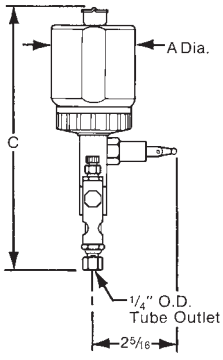
Liquid is released, by gravity, from a reservoir, through a toggle shutoff valve which is located below the reservoir, to the new modular stacked multiple sight feed valves. Each valve is a complete unit that interlocks and seals with the preceding valve.

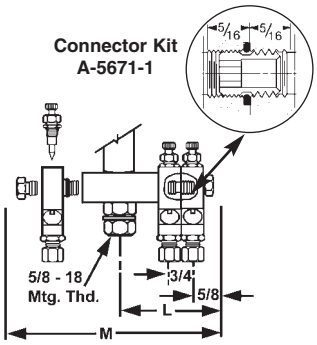
Up to 24 sight feed valves can be separately adjusted and the setting retained by means of a friction lock. Drop feeding of liquid to widely separated points can be controlled and observed from one central location.

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





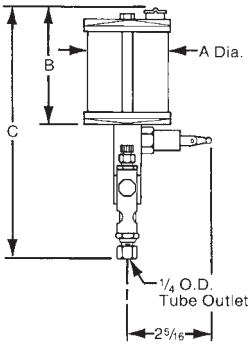
Additional Valves Specify Part Number B-3151-1

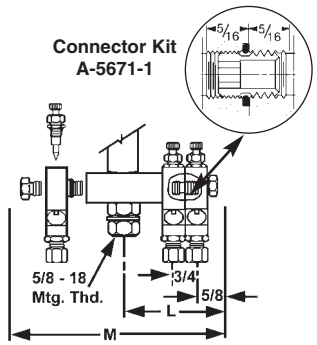
When Ordering Specify:
- Model Number
- Number of Feeds

Model Number Polycarbonate	Capacity	A	C
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	$3^{15}/_{16}$	$4^{11}/_{16}$	$5^{7}/_{16}$	$6^{3}/_{16}$	$6^{15}/_{16}$	$11^{7}/_{16}$	$20^{7}/_{16}$

Style DM





Additional Valves Specify Part Number B-3151-1

When Ordering Specify:
- Model Number
- Number of Feeds

	Model Number Acrylic	Model Number Pyrex	Capacity	A	B	C
*	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.

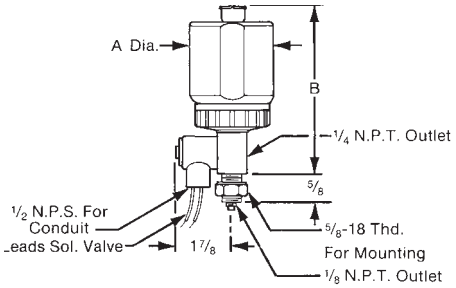
Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is provided on top of the reservoir.

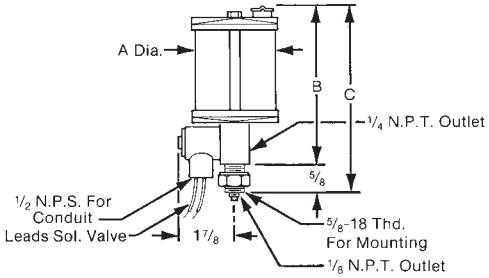
SPECIFICATIONS:

• 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.	2 7/8	5 1/8
B-1733-4	9 OZ.		6 3/8
B-1733-5	1 PT.	3 5/8	7 11/16
B-1733-6	1 QT.		11 1/16
B-1733-7	1/2 GAL.	5	11 15/16

When Ordering Specify:
- Model Number
- Voltage and Frequency

	Model Number Acrylic	Model Number Pyrex	Capacity	A	B	C
*	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	1/2 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

Oil-Rite® CORPORATION
P. O. BOX 1207, MANITOWOC, WI 54221-1207 (920) 682-6173 FAX (920) 682-7699
Internet http://www.oilrite.com e-mail sales@oilrite.com

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.

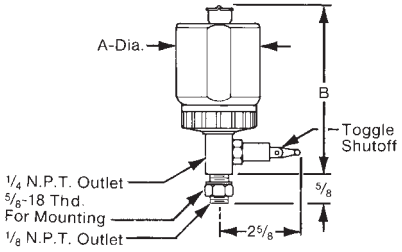
Durable, shatterproof acrylic reservoirs are for temperatures below 160° F. Crystal clear pyrex or polycarbonate reservoirs are available for temperatures below 225° F. A self-closing filler cap is provided on top of the reservoir.

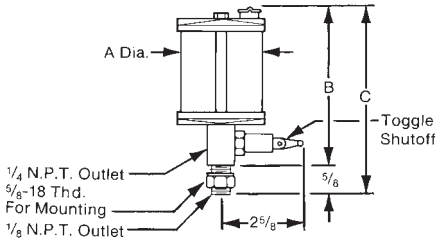
SPECIFICATIONS:

• 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 Polycarbonate	Capacity	A	B
B-1734-1	1 OZ.	2	4 3/16
B-1734-2	2 1/2 OZ.		5 3/16
B-1734-3	5 OZ.	2 7/8	5 1/8
B-1734-4	9 OZ.		6 3/8
B-1734-5	1 PT.	3 5/8	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 Acrylic	Catalog Number Pyrex	Capacity	A	B	C
*	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

Oil-Rite® CORPORATION
P. O. BOX 1207, MANITOWOC, WI 54221-1207 (920) 682-6173 FAX (920) 682-7699
Internet http://www.oilrite.com e-mail sales@oilrite.com

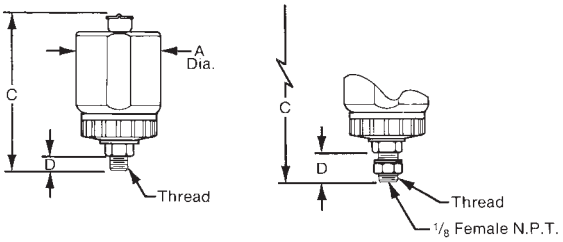
Reservoirs

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



Pipe Mounting — Remote Mounting

When Ordering Specify:

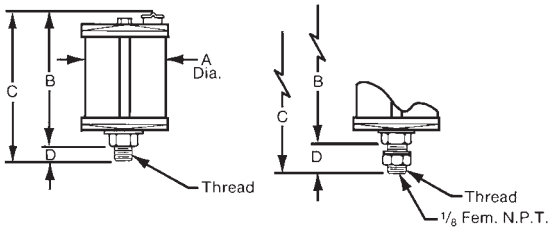
- Catalog Number

Catalog Number Polycarbonate	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	2 1/2 OZ.	1/8 MALE N.P.T.	2	4	3/8
B-1748-4		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	5 OZ.	1/8 MALE N.P.T.	2 7/8	4	3/8
B-1748-7		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	9 OZ.	1/4 MALE N.P.T.	2 7/8	5 3/16	7/16
B-1748-10		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 PT.	1/4 MALE N.P.T.	3 5/8	6 13/16	7/16
* B-1748-13		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 QT.	1/4 MALE N.P.T.	3 5/8	10 3/16	7/16
B-1748-15		1/2 MALE N.P.T.	3 5/8	10 3/16	5/8
B-1748-25	1/2 GAL.	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



Pipe Mounting — Remote Mounting

When Ordering Specify:

- Catalog Number

	Catalog Number Acrylic	Catalog Number Pyrex	Capacity	Thread Size	A	B	C	D
*	B-966-1	B-966-51	1 OZ.	1/8 MALE N.P.T.	1 1/2	2 5/8	3	3/8
*	B-966-2	B-966-52		1/4 MALE N.P.T.	1 1/2	2 5/8	3 1/16	7/16
*	B-966-3	B-966-53	2 1/2OZ.	1/8 MALE N.P.T.	2	3 7/16	3 13/16	3/8
*	B-966-4	B-966-54		1/4 MALE N.P.T.	2	3 7/16	3 7/8	7/16
*	B-966-5	B-966-55		3/8 MALE N.P.T.	2	3 7/16	3 15/16	1/2
*	B-966-6	B-966-56	5 OZ.	1/8 MALE N.P.T.	2 1/2	3 15/16	4 5/16	3/8
*	B-966-7	B-966-57		1/4 MALE N.P.T.	2 1/2	3 15/16	4 3/8	7/16
*	B-966-8	B-966-58		3/8 MALE N.P.T.	2 1/2	3 15/16	4 7/16	1/2
*	B-966-9	B-966-59	9 OZ.	1/4 MALE N.P.T.	3	4 7/8	5 5/16	7/16
*	B-966-10	B-966-60		3/8 MALE N.P.T.	3	4 7/8	5 3/8	1/2
	B-966-11	B-966-61		1/2 MALE N.P.T.	3	4 11/16	5 5/16	5/8
	B-966-12	B-966-62	1 PT.	1/4 MALE N.P.T.	3 1/2	5 7/8	6 5/16	7/16
*	B-966-13	B-966-63		3/8 MALE N.P.T.	3 1/2	5 7/8	6 3/8	1/2
	B-966-14	B-966-64		1/2 MALE N.P.T.	3 1/2	5 11/16	6 5/16	5/8
	B-966-15	B-966-65	1QT.	1/2 MALE N.P.T.	4 1/4	7 1/16	7 11/16	5/8
	B-966-16	B-966-66	1/2 GAL.	1/2 MALE N.P.T.	5 1/2	9 1/8	9 3/4	5/8
	B-966-17	—	1 GAL.	1/2 MALE N.P.T.	5 1/2	14 1/8	14 3/4	5/8
*	B-966-18	B-966-68	1 OZ.	5/8-18 N.F. FOR REMOTE MOUNTING WITH 1/8 FEMALE NPT OUTLET	1 1/2	2 7/16	3 1/16	5/8
*	B-966-19	B-966-69	2 1/2 OZ.		2	3 1/4	3 7/8	5/8
*	B-966-20	B-966-70	5 OZ.		2 1/2	3 3/4	4 3/8	5/8
*	B-966-21	B-966-71	9 OZ.		3	4 11/16	5 5/16	5/8
	B-966-22	B-966-72	1 PT.		3 1/2	5 11/16	6 5/16	5/8
	B-966-23	B-966-73	1QT.		4 1/4	7 1/16	7 11/16	5/8
	B-966-24	B-966-74	1/2 GAL.		5 1/2	9 1/8	9 3/4	5/8
	B-966-25	—	1 GAL.		5 1/2	14 1/8	14 3/4	5/8

* Special - Please Consult Factory

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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.

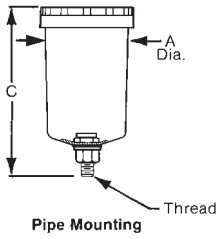
The polycarbonate reservoir is transparent, allowing for visual inspection of contents, and is compatible with a wide range of fluids. It will tolerate temperature changes from minus 40° F. to maximum of 150° F. without any significant dimensional changes. It is shatterproof, making it well suited for 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



Pipe Mounting

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.

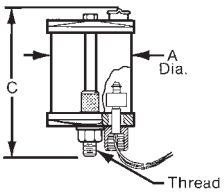
RESERVOIR WITH FILTER AND LOW LEVEL SENSOR dispenses liquid, by gravity, from a reservoir and are furnished without shutoff or control valves.

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.

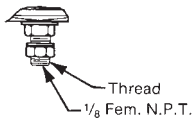
Durable, shatterproof acrylic reservoirs are for temperatures below 160°F. Crystal clear pyrex or acrylic reservoirs are available for temperatures below 225°F. They are also useful for many applications where it is desirable to visually inspect the presence and clarity of the liquid. Self-closing filler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



Pipe Mounting



Remote Mounting

	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

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

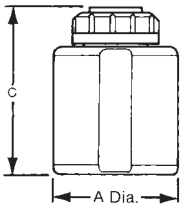
They can be used for a multitude of applications such as containers for storage, laboratory experiments, shipping of parts or liquids and oil dispensing reservoirs. The bottles are also ideal for retaining samples of chemical or medical products.

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 used 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.
- Gasket — Buna-N
- Temperature — -40° F to 225° F. Max.
- Cover — Polypropylene
- Reservoir — Polycarbonate



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.

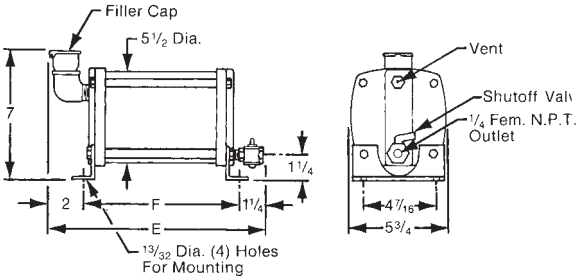
These dispensers are designed to serve as a central reservoir of an oiling system. The horizontal dispenser permits the use of large capacities without increasing height. The horizontal dispenser permits the use of large volumes without a significant change in head pressure. This allows the dispenser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

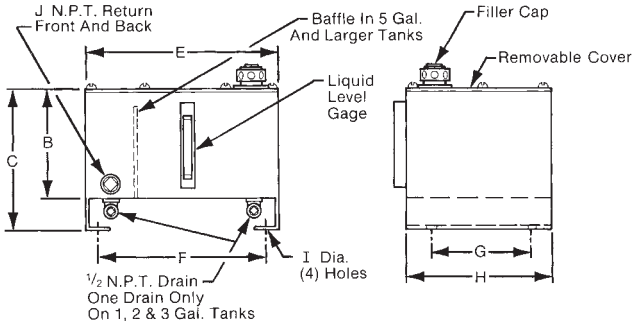
Top filler cap with strainer and filter are provided along with proper outlets, drains and inlets. Units are provided with a liquid level gage for visual check of the oil supply. Tanks five (5) gallons and larger have a sediment chamber.

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	21/64	—	NO
*	B-770-2	2 GAL.	7 3/4	10	10	8 3/4	6 1/4	7 1/2	21/64	—	NO
*	B-770-3	3 GAL.	7 3/4	10	14	12 3/4	6 1/4	7 1/2	21/64	—	NO
*	B-774-2	5 GAL.	9	11 1/2	16	14 1/4	7	10	17/32	1	YES
*	B-773-4	10 GAL.	12	15	20	18 1/4	9	12	17/32	1	YES
*	B-999-2	15 GAL.	12	15	24	21 3/4	12 3/4	15	17/32	1	YES
*	B-1194-1	30 GAL.	24	27	24	21 3/4	12 3/4	15	17/32	1	YES
*	B-1195-1	60 GAL.	29	32	30	28 1/4	17 3/4	20	17/32	1	YES

* Special - Please Consult Factory

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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.

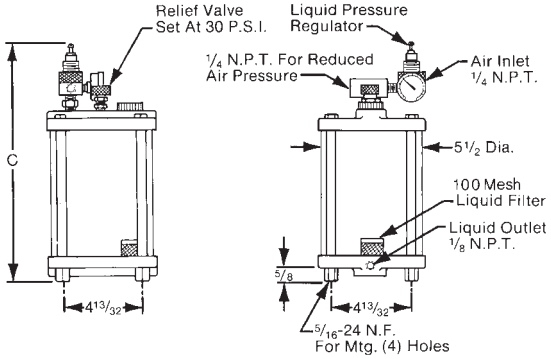
To fill the dispenser, simply turn off the air supply, bleed the reservoir and replenish liquid through the large filler cap on top of the unit.

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 oil 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.

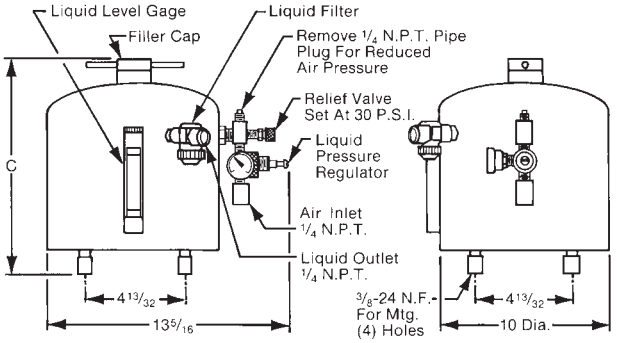
To fill, simply turn off the air supply, bleed the reservoir and replenish liquid through the large filler cap on top of the unit.

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



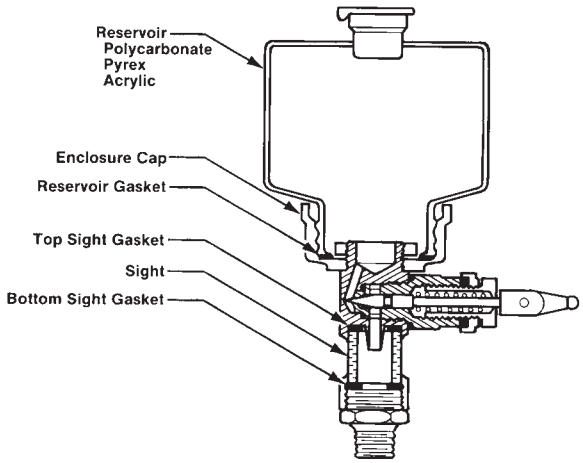
When Ordering Specify:

• 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

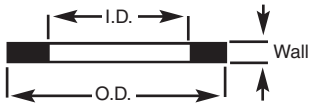
Spare Parts



Sights and Sight Seals

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

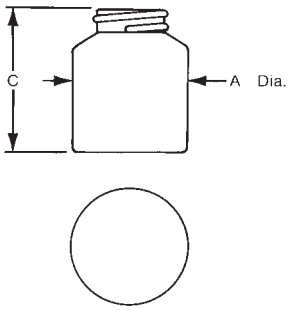
Enclosure Gaskets for Polycarbonate Reservoirs Buna-N



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

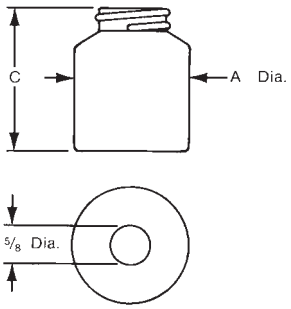
Polycarbonate Reservoirs

No Hole



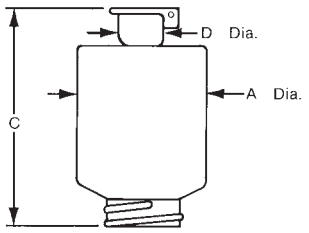
Catalog Number	Capacity	A	C
A-3515-1	1 OZ.	2	$1\frac{13}{16}$
A-3515-2	$2\frac{1}{2}$ OZ.		$2\frac{13}{16}$
A-3277-1	5 OZ.	$2\frac{7}{8}$	$2\frac{3}{4}$
A-3277-2	9 OZ.		4
B-1654-1	1 PT.	$3\frac{5}{8}$	$4\frac{3}{4}$
B-1654-2	1QT.		$8\frac{1}{8}$
B-2432-1	$\frac{1}{2}$ GAL.	5	9

With Center Hole



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

With Hinge Lid



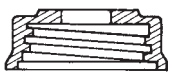
Catalog Number	Capacity	A	C	D
B-2017-1	1 OZ.	2	$2\frac{1}{8}$	$\frac{3}{8}$
B-2017-2	$2\frac{1}{2}$ OZ.		$3\frac{1}{8}$	
B-2017-3	5 OZ.	$2\frac{7}{8}$	$3\frac{1}{16}$	$\frac{5}{8}$
B-2017-4	9 OZ.		$4\frac{5}{16}$	
B-2017-5	1 PT.	$3\frac{5}{8}$	$5\frac{3}{8}$	1
B-2017-6	1QT.		$8\frac{3}{4}$	
B-2017-9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

Polypropylene Enclosure Caps

No Hole

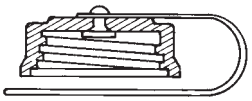
Catalog Number	Used On
B-1586-1	1 OZ. to 9 OZ.
B-2189-1	1 PT. to $\frac{1}{2}$ GAL.

With Center Hole



Catalog Number	Used On
B-1677-2	1 OZ. to 9 OZ.
B-2221-6	1 PT. to $\frac{1}{2}$ GAL.

With Retainer Strap



Catalog Number	Used On
A-4612-1	1 OZ. to 9 OZ.
A-4612-2	1 PT. to $\frac{1}{2}$ GAL.

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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.

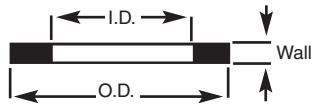
SPECIFICATIONS:

• Pressure	1/16 orifice 125 P.S.I. 1/4 orifice 5 to 8 P.S.I.
• Media Temperature	-45° F. to + 185° F.
• Nomial 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® A)

(For complete operating characteristics consult factory.)

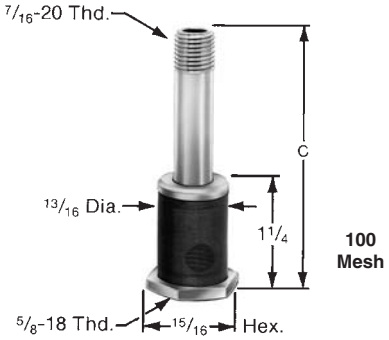
When Ordering Specify:
- Catalog Number

Buna-N Enclosure Gaskets for Acrylic and Pyrex Reservoirs.



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

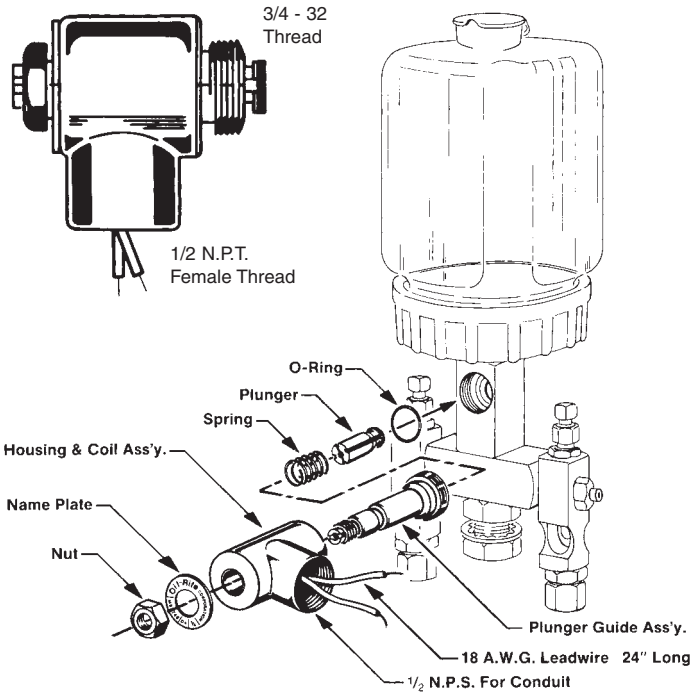
Acrylic and Pyrex Reservoir Filters



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

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

DEY	DEH	DEF	SLVA
DE	DEJ	DEC	SLV

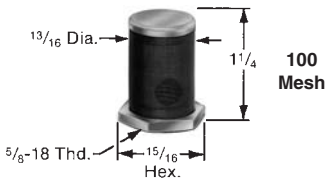


When Ordering Specify:
- Model Number
- Voltage and Frequency
- Seal Material

Solenoid Operator	
Model Number	B-1725-1

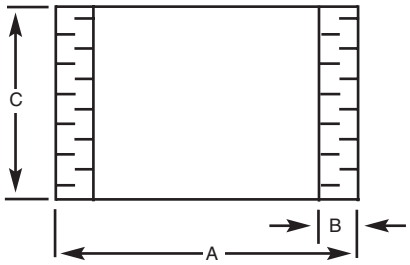
Spare Coil Only	
Catalog Number	Volts & Frequency
B-2508-101	120 volts, 60 Hz.
B-2508-102	240 volts, 60 Hz.
B-2508-103	480 volts, 60 Hz.
Other Volts and Frequency-Consult Factory	

Polycarbonate Reservoir Filter



Catalog Number	Filter
A-4655-1	100 Mesh

Acrylic and Pyrex Reservoirs



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

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

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Oil-Rite® CORPORATION
P. O. BOX 1207, MANITOWOC, WI 54221-1207 (920) 682-6173 FAX (920) 682-7699
Internet http://www.oilrite.com e-mail sales@oilrite.com

Constant Level Lubricator Installation Instructions

Installation Instruction

INSTALLATION

1. Oil level is usually marked on the base of oiler. Mount oiler by using side or bottom outlet at the exact and most desirable level.
2. Correct oil 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 oiler. 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 oiler.
7. ***On oilers 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 oil from reservoir through vent hole, rendering oiler ineffective.***

PRINCIPLE

Constant level lubricators automatically maintain the oil in a bearing reservoir at a constant level. Operation is based on the liquid seal principle. When the oil in the bearing recedes because of oil 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.

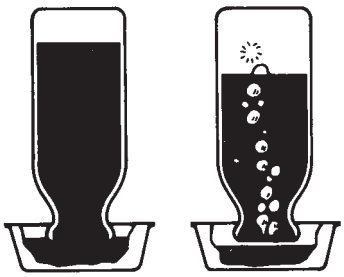

Figure 1

This installation 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 oiler.

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.

OIL LEVEL

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

OIL 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 oil in the reservoir assumes the same color as that in the bearing housing, a visual check of the condition of the oil is also afforded.

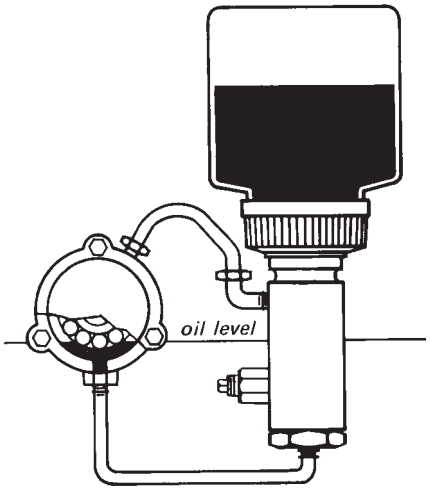

Figure 2

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 oil.

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 oil is carried by the gears to the upper portion of the gear housing during operation. After shutdown, the oil surges back to the lubricator and raises the oil level. Constant level lubricator should therefore be equipped with a sufficient surge level to prevent oil from overflowing through the air intake.

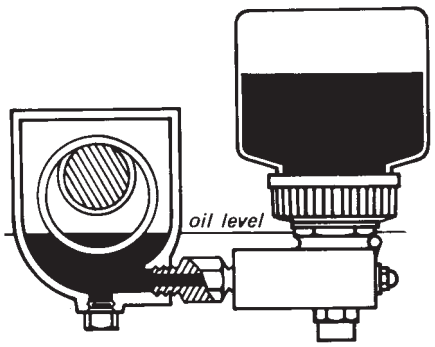

Figure 3

Typical installation for ring-oiled bearings. Oil level should be slightly above inside diameter of ring. With the correct oil level the ring carries oil to shaft smoothly without splashing and chattering.

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