FLUID GUARD ®
BY BEACH FILTERS

LT Series Lubricant Management System
Simple, stackable contamination control

Features

- Dedicated pump and motor per tank

- Stackable design

- Desiccant breathers keep oil dry

- Various tank sizes available in high-density polyethylene or steel

- 12´ hose assemblies with various hose-end connections

Benefits

- Eliminates cross-contamination

- Allows for many lubricant types

- Cost effective, simple way to store and filter oil

- Easy to install

The LT Series Lubricant Management System (LT-LMS) by Beach combines filtration and breather technologies to keep your lubricants clean and dry before they enter your equipment.

The LT-LMS combines easy storage with solid contamination control practices. Sturdy, stackable, and customizable pods free up valuable floor space and features like filtration, quick disconnects, and Beach breather filters make this all-in-one system ideal for any lube storage room.

When clean dry air is a must, Beach is the choice.

7682 Glenville Rd., Glen Rock, PA 17327
Phone (717) 235-1136 • Fax (717) 235-4858
(800) 232-2485
www.beachfilters.com

BEACH
BREATHERS
For clean, dry air

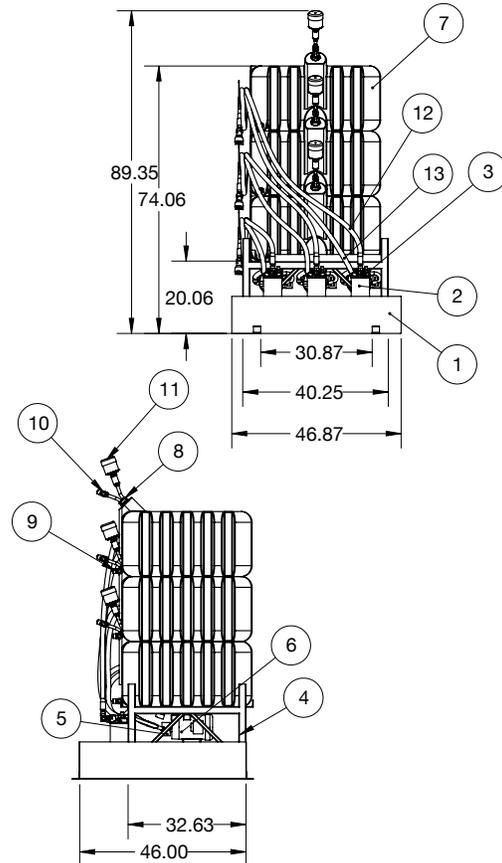## LT Series Lubricant Management System Specifications

Applications

- Lubricant storage
- Dispensing new oil
- Pre-filtering new oil
- Reservoir top offs
- Collecting oil samples for analysis

Performance

1. Operating Temperatures:
   - -40 °F to 150 °F (-40 °C to 66 °C)
2. Materials:
   - Stand: Carbon Steel
   - Tank: HDPE or Steel
   - Paint: Industrial Powder Coat
   - Filter Heads: Aluminum
   - Fittings: Brass, and/or Zinc Plated Steel
   - Pumps: Aluminum/Steel
   - Hoses: Clear PVC with steel wire
3. Filter Indicators and Bypass:
   - Filter indicator pops at 22 psid (1.55 bar) as warning that filter elements need to be replaced
   - Automatic filter bypass at 25 psid (1.75 bar)
4. Tank Dimensions:
   - 80 gallon tank 36˝ L x 36˝ W x 18˝ H
   - 120 gallon tank 36˝ L x 36˝ W x 27˝ H
   - 180 gallon tank 36˝ L x 36˝ W x 39˝ H
   - 240 gallon tank 36˝ L x 36˝ W x 49˝ H
5. Viscosity Range: ISO 10-680 (55-4000 SUS at 100°F)

Item No.	Description	Qty.
1	Spill Containment Pan	1
2	Filter Element	3
3	Filter Head	3
4	Stand	1
5	Gear Pump	3
6	Motor	3
7	HDPE Tank	3
8	Tote Adapter	3
9	Drain Port	3
10	Fill Port	3
11	Desiccant Breather	3
12	Discharge Hose	3
13	Suction Hose	3

Element Replacements				
FC-AF	FC-BF	FC-CF	FC-DF	FC-JF
3um	6um	12um	25um	Water Removal

*Other micron sizes available upon request

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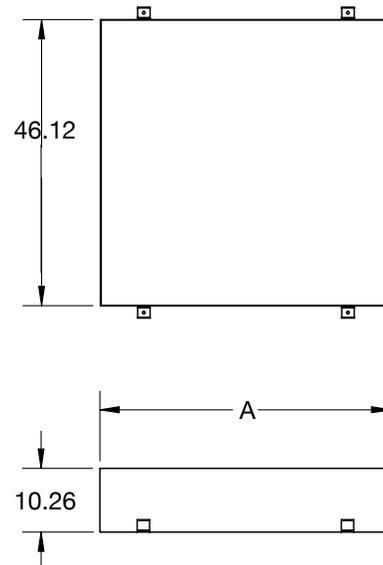## LT Series Lubricant Management System Specifications

How to Size a Spill Containment:

- 115% of the volume of the largest container
- Ex: For a 3-stackable 80 gallon HDPE tank system, we use the 95 gallon containment pan

Aluminum Spill Containments:

- "A" L x 46.20″ W x 10.26″ H

Spill Containment Size	"A" Dimension
95	46.87
135	66.62
200	98.62
265	130.62

46.12

A

10.26

HDPE Spill Containments:

- 203 gallon (for 80 gal and 120 gal options)
  58"L x 52″ W x 20″ H

- 360 gallon (for 180 gal and 240 gal options)
  42″ L x 42″ W x 42″ H

- Maximum weight of 560 gallons per stand
- Maximum height of 75 inches tall (including the stand which is 20 inches tall)
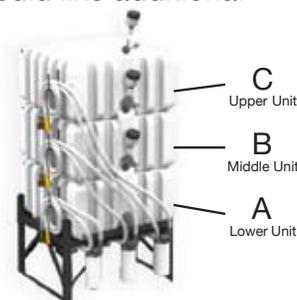
Call Beach for information about accessories such as spill containment reservoirs.

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How to order the LT Series Lubricant Management System:

Select the desired symbol (in the correct position) to construct a model code. Then contact your local distributor or call Beach if you don't see the options you need or would like additional assistance.

		Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8	Box 9	Box 10	Box 11	Box 12
LT	C Upper Unit												
LT	B Middle Unit												
LT	A Lower Unit												

C Upper Unit
B Middle Unit
A Lower Unit

TANK TYPE [Box 2]

Code	Description
P	High Density Polyethylene Tank
S	Steel Tank

TANK SIZE [Box 3]

Code	Description
75	75-gallon tank (steel only)
80	80-gallon tank (HDPE only)
120	120-gallon tank (HDPE only)
150	150-gallon tank (steel only)
180	180-gallon tank (HDPE only)
240	240-gallon tank (HDPE only)
300	300-gallon tank (steel only)

PUMP / MOTOR COMBINATIONS * [Box 4]

Code	Description	Code	Description
60 Hz Options		50 Hz Options	
02E	2 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	02G	1.5 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
05E	5 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	05G	4 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
10E**	10 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	10G**	8 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
02F	2 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	02H	1.5 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
05F	5 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	05H	4 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
10F**	10 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	10H**	8 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
Pneumatic Options			
02A	2 gpm / 1.7 hp air	08A	8 gpm / 1.7 hp air

* Performance will vary depending on operating temperature, fluid type and unit options. Call Beach for assistance in choosing a flow rate specific to your needs. ** Not recommended for steel tanks

TANK INCOMING/SUCTION CONNECTION TYPE [Box 5]

Code	Description
F	Flush Face Connector
A	ISO A Connector
B	ISO B Connector

TANK INCOMING/SUCTION CONNECTION SIZE [Box 6]

Code	Description
3	1/2 inch
5	3/4 inch
7	1 inch

TANK OUTGOING/PRESSURE CONNECTION TYPE [Box 7]

Code	Description
F	Flush Face Connector
A	ISO A Connector
B	ISO B Connector

TANK OUTGOING/PRESSURE CONNECTION SIZE [Box 8]

Code	Description
3	1/2 inch
5	3/4 inch
7	1 inch

FILTER [Box 9]

Code		Description
Small	Large	
K	A	3-micron Particulate Filter
L	B	6-micron Particulate Filter
M	C	12-micron Particulate Filter
N	D	25-micron Particulate Filter
W	J	Walter Filter

* Filter indicator pops at 22 psid

SAMPLE PORTS [Box 10]

Code	Description
0	None
1	Sample Port
2	High-Viscosity

MANUAL GRAVITY DRAIN [Box 11]

Code	Description
0	No Drain
1	Gravity Drain

BREATHER FILTERS [Box 12]

Code	Description
2	3-micron Particulate Desiccant Breather [BB-2]
3	3-micron Particulate Desiccant Breather [BB-3]
4	3-micron Particulate Desiccant Breather [BB-4]

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