

Off-Line Filter Carts

Improve your Lubrication Procedures

Contamination Control

LUBRIGARD OFF-LINE FILTER CARTS PROVIDE YOUR MAINTENANCE DEPARTMENT WITH THE PROPER TOOLS TO KEEP YOUR LUBRICANTS CLEAN DURING STORAGE DISPENSING AND WHILE IN OPERATION.



BENEFITS

Improve Lubrication Practices

Off-line filter carts are the ideal way to pre-filter and transfer oils into reservoirs. New oils are not necessarily clean, and therefore all oils should be filtered before being put into use. A Lubrigard off-line filter cart is equipped with suction hoses and wands to easily allow for the transfer of new oils from drums or bulk totes into fluid reservoirs.

Multitude of Uses

Off-line filter carts can be utilized for a variety of maintenance tasks, including transferring oil from bulk storage tanks into large reservoirs, oil fills and topping up of systems with new oil, removal of oil contamination from systems while in operation, clean-up of the system lubricant after a failure, the temporary transfer of lubricants during servicing, and for flushing hoses and new components prior to installation or use.

Reduce Contamination

Oils are contaminated by ingressed particulates and water during service. An off-line filter cart can be used to easily remove these contaminants and dramatically improve oil cleanliness levels before the contamination reduces system life. When oil becomes contaminated simply filter the oil instead of changing it.

Designed for Efficiency

Lubrigard off-line filter carts use two or more filters. The first stage filter captures larger particles, while the second stage filter captures finer particles. High-quality pumps provide ample flow rate to quickly complete filtering of large reservoirs.

Customized Design

Lubrigard can provide several designs of filter carts utilizing either regular membrane filtration or depth-filtration media. Off-line carts can be designed as either one stage or two employing two or more filters. Pumps can be provided in a variety of flow rates in either air-operated or electrical configurations.

Filter Media Variety

A range of filter media is available for use with the Lubrigard off-line filter cart including 3, 6, and 10 micron filters in beta 75 or beta 200, as well as water-absorption media. In addition to this Lubrigard offers a line of off-line filter carts utilizing depth-filtration media.

OVERVIEW

- Remove the contaminant from lubricants instead of dumping good oil.
- Variety of uses including oil transfer from bulk storage, filling or topping up systems,
- Make the task of bulk lubrication changes easier, faster and safer.
- Available in single or multi-stage designs incorporating two or more filters.
- Variety of filter media available including depth-filtration systems.
- Standard filter media available in 3, 6, and 10 micron, beta 75 or beta 200.



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PRODUCTS

Off-Line Filter Carts

12 GPM - 2 Stage [FC12G2S120VNBR]



Filter Head
2 stage (2 filters)
Flow Rate
45 l/min (12 GPM)
Motor
3/4 HP single phase
Suction/Return Hoses
2m (6 ft)
Weight
47 kg (125 lbs)

5 GPM - 2 Stage [FC5G2S120VNBR]



Filter Head
2 stage (2 filters)
Flow Rate
19 l/min (5 GPM)
Motor
1/2 HP single phase
Suction/Return Hoses
2m (6 ft)
Weight
43 kg (115 lbs)

5 GPM - 2 Stage [FC5G2S120VNBRH] High-Viscosity Use (ISO VG 220 or greater)



Filter Head
2 stage (2 filters)
Flow Rate
19 l/min (5 GPM)
Motor
3/4 HP single phase
Suction/Return Hoses
2m (6 ft)
Weight
47 kg (125 lbs)

All Filter carts come standard with the following;

- relief valve, sampling port, filter bypass circuit
- 1" suction & discharge hoses, 36" suction wand
- built on heavy-duty frames
- large 10" inflatable tires
- "stair skid tubes" so carts can be moved up/down stairs and loaded on a small pickup truck with ease
- Spin-on filter elements are separated from motor section to prevent splashing of oil during changing
- Each filter has a pressure gauge
- Integrated drip pan under filter and motor section as protection to the environment in case of a leak
- Hoses and tubes have a holder, which directs all drips to the drip pan

Spin-on Filters

Diameter: 128 mm (5.06 in)
Length: 270 mm (10.63 in)
Element Thread: 1 1/2 - 16 UNF



3 micron (beta 200) [LGSL150D3AS]

Micron Rating: 3 (absolute)
Filter Media: Glass fiber elements (synthetic)
Beta-Ratio: B3>200
Dirt Holding Capacity: 47 g
Filtration Area: 8168 sq cm (1266 sq in)

6 micron (beta 200) [LGSL150D6AS]

Micron Rating: 6 (absolute)
Filter Media: Glass fiber elements (synthetic)
Beta-Ratio: B6>200
Dirt Holding Capacity: 54 g
Filtration Area: 7200 sq cm (1116 sq in)

10 micron (beta 12) [LGSL150D10NP]

Micron Rating: 10 (nominal)
Filter Media: paper
Beta-Ratio: B10>12
Dirt Holding Capacity: 62 g
Filtration Area: 6813 sq cm (1056 sq in)

25 micron (beta 12) [LGSL150D25NP]

Micron Rating: 25 (nominal)
Filter Media: Paper
Beta-Ratio: B25>12
Dirt Holding Capacity: 63 g
Filtration Area: 6813 sq cm (1056 sq in)

Water Absorbing [LGSL150D30NPWR]

Filter Media: Water-absorbing
Beta-Ratio: B30>12
Water Holding Capacity: 444 ml (15 oz)
Filtration Area: 4440 sq cm (688 sq in)



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