

OILMISER™



The OILMISER™
1500 Series
Filter Cart



OILMISER™ Fluid Handling Products

In Maintenance, Less means More

**Less Effort
means
More Productivity**

**Less Complicated
means
More Confidence**

**Less Waste
means
More Profit**

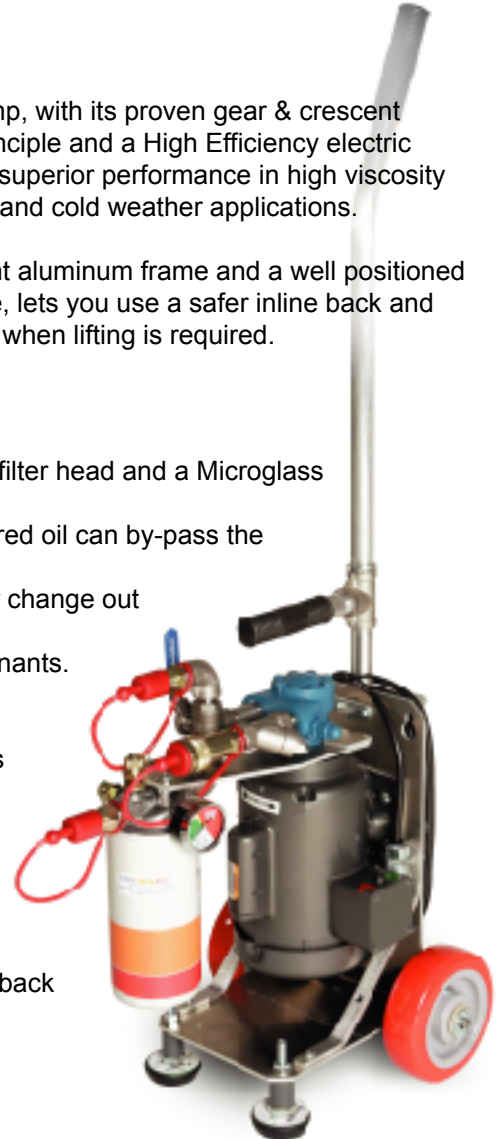
The **OILMISER™ 1500 Series Filter Cart** has the power and performance of a heavy weight with the agility of a feather weight.

Designed for the Workplace

- Weighing under 60 pounds, with a low center of gravity and a width of 14 inches, the OILMISER™ 1500 Series Filter Cart is unequalled for portability.
- Urethane wheels, 6 inches in diameter and 2 inches wide, lets the OFC-1500 pass safely over steel grating and floor decking.
- A Tuthill pump, with its proven gear & crescent pumping principle and a High Efficiency electric motor gives superior performance in high viscosity (1000 SUS) and cold weather applications.
- A light weight aluminum frame and a well positioned lifting handle, lets you use a safer inline back and arm posture when lifting is required.

Fully Equipped and Ready For Work

- The standard OILMISER™ 1500 Series Filter Cart has a Non-Bypass filter head and a Microglass filter element with a rating of Beta (X) = 75.
- A full flow relief valve in the pump (set to 75 psi) insures that no unfiltered oil can by-pass the filter.
- A filter condition indicator, highly visible and color coded identifies filter change out times.
- A stainless steel Y-strainer protects the pump inlet from larger contaminants.
- A 2-way stainless steel selector valve facilitates the transfer of oils not requiring filtration.
- Quick disconnects and protective dust caps on all inlet and outlet ports are compliant with ISO-7241-1B Interchange Standards.
- Series B Minimess test points provide oil samples before and after filtration.
- A 12 ft. power cord (AWG 14/3 SJTOW) stores conveniently on the rear mounted cord carrier.
- For permanent installations, the handle assembly, cord carrier and wheels can be removed in minutes, exposing two slotted holes on the back plate for mounting bolts.



3 Models to Suit your Needs

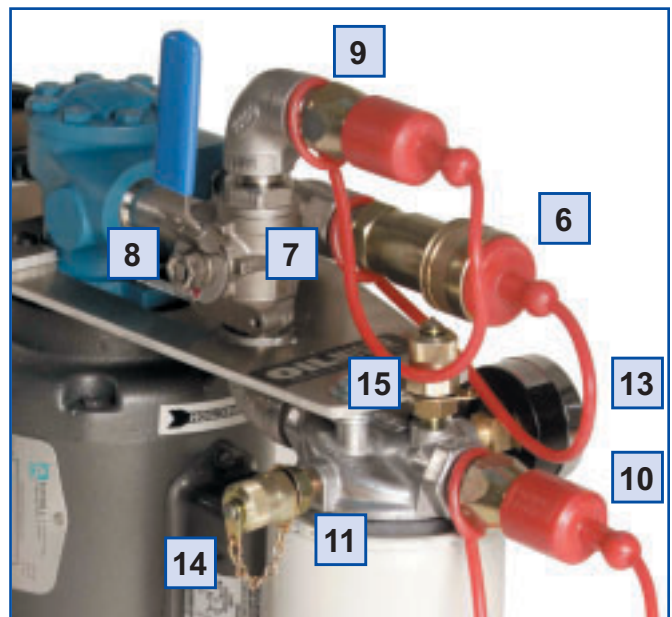
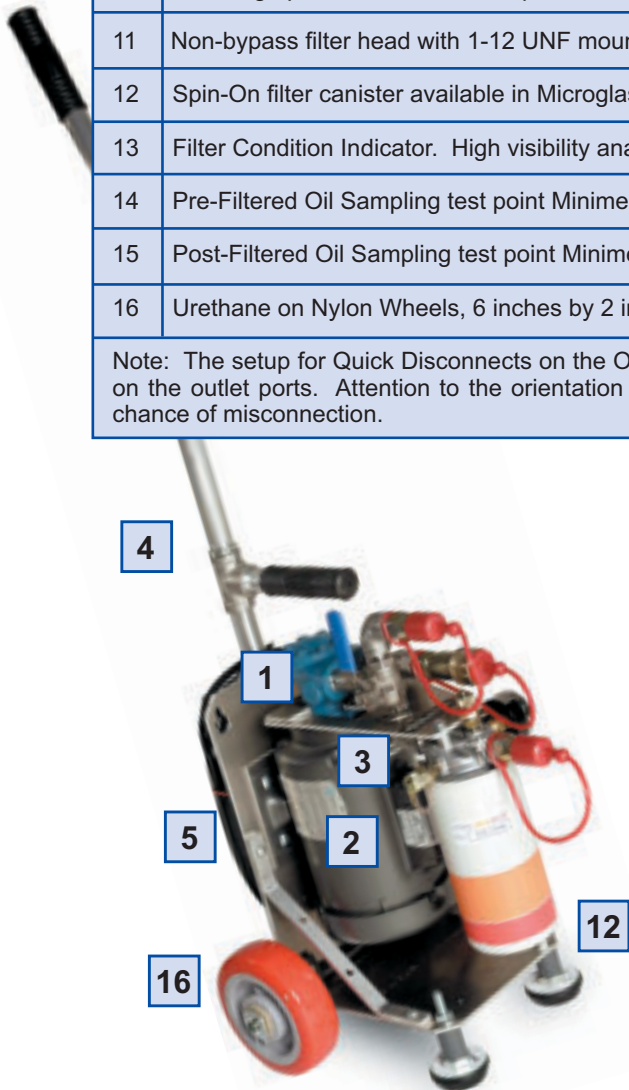
OFC-15275-3412M	3/4 HP 115/230 VAC — 5 gpm @ 1800 rpm to 1000 SUS @ 100° F @ 100 psi
OFC-15150-3406M	1/2 HP 115/230 VAC — 2.5 gpm @ 1800 rpm to 1000 SUS @ 100° F @ 100 psi
OFC-15025-3403M	1/4 HP 115/230 VAC — 1.5 gpm @ 1800 rpm to 1000 SUS @ 100° F @ 100 psi

OILMISER™ Fluid Handling Products

The OILMISER™ 1500 Series Filter Cart - Design Features and Operating Specifications

1	Tuthill® L Series pump with internal relief set at 75 psi — Viscosity to 1000 SUS @ 100° F.
2	Baldor® High Efficiency TEFC electric motor — 115/230 VAC / 1 Ph. @ 1725 rpm
3	McGill® On/Off SPST toggle switch rated @ 15 Amp /1 HP — with Weather Guard protective boot
4	All aluminum frame with rear mounted cord carrier and 2 piece Lift & Roll handle assembly
5	12 Ft. industrial rated power cord (AWG 14/3 SJTOW)
6	1/2 in. Quick Disconnect coupler with tethered dust plug on inlet port (ISO-7241-1B Interchange)
7	1/2 in. stainless steel Y-Strainer on inlet port
8	1/2 in. stainless steel 2 way selector valve on pump outlet. Select filtered or non-filtered discharge flow
9	Discharge port for Non-Filtered Oil. - quick disconnect nipple with tethered dust cap (ISO-7241-1B)
10	Discharge port for Filtered Oil. - quick disconnect nipple with tethered dust cap (ISO-7241-1B)
11	Non-bypass filter head with 1-12 UNF mounting post for standard Spin-On oil filters
12	Spin-On filter canister available in Microglass and Water Absorbing Media (3.7" Dia. X 8" Long)
13	Filter Condition Indicator. High visibility analog pressure gauge with color coded dial
14	Pre-Filtered Oil Sampling test point Minimes series B with tethered protective cap
15	Post-Filtered Oil Sampling test point Minimes series B with tethered protective cap
16	Urethane on Nylon Wheels, 6 inches by 2 inches wide with roller bearings and grease nipples

Note: The setup for Quick Disconnects on the OFC-1500 has the coupling half on the pump inlet port, and the nipple half on the outlet ports. Attention to the orientation of QD couplers and nipples on hoses and machinery can eliminate the chance of misconnection.



OILMISER™ Fluid Handling Products

Are You Using the Right Filter? Are you Sure?

- You've done your research.
- You've established your criteria and set your priorities.
- You've made the investment in training, technology, and equipment.
- Now it's time for implementation and monitoring the results.




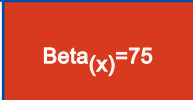


The OILMISER™ Color Coding System

At JLM Systems we believe that achieving the desired cleanliness levels begins by eliminating the potential for errors in filter selection.

The OILMISER™ Color Coding System, is a value added service that takes the uncertainty out of filter element selection. Now the specified filter element can be immediately identified at a glance.

The OILMISER™ Color Coding System is available on the longer length Spin-On filter canisters. These canisters, are 3.7 inches in diameter by 8 inches long with a higher dirt holding capacity.

Know Your Filter at a Glance

OILMISER™ The OILMISER™ Color Coding System			
	25 Micron		3 Micron
	12 Micron		Microglass Absolute
	6 Micron		Water Absorbing

- Microglass filter media has a rating of Beta (x) = 75 , and is available in 3, 6 and 12 microns.
- Water Absorbing Cellulose filter media is rated at 3 and 10 microns nominal.
- OILMISER™ offers the following filter cartridges on our 1500 Series Filter Cart

OILMISER™ Filter Selection Chart

Part No.	Description	Dimensions
SFE-3403M	Microglass 3 µm Beta (3) =75	3.7" OD x 8" OAL x 1-12TPI
SFE-3406M	Microglass 6 µm Beta (6) =75	3.7" OD x 8" OAL x 1-12TPI
SFE-3412M	Microglass 12 µm Beta (12) = 75	3.7" OD x 8" OAL x 1-12TPI
SFE-3403AQ	Water Absorbing Cellulose 3 µm Nominal	3.7" OD x 8" OAL x 1-12TPI
SFE-3410AQ	Water Absorbing Cellulose 10 µm Nominal	3.7" OD x 8" OAL x 1-12TPI

A secondary Filter Assembly can be used with the OILMISER™ 1500 Series Filter Cart. Using the 2 way Flow Selector Valve, a specific filtration problem like water contamination, can be addressed immediately without fouling the primary filter element. The secondary filter is supplied with quick disconnects, dust covers, a condition Indicator, and the filter element of your choice.

The OILMISER™ OFC-15V456 High Viscosity 1500 Series Filter Cart

For Lubricating Oils ranging up to 4000 SUS (ISO VG 680).

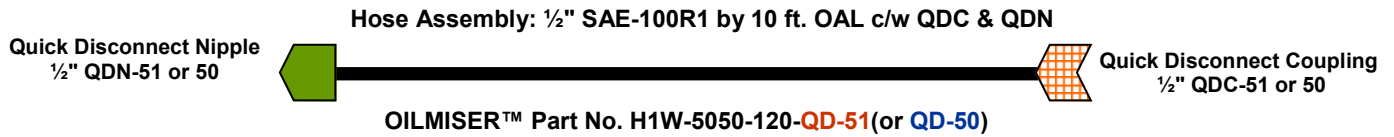
We added even more muscle, but kept with the program, agile, mobile and portable.

When it comes to high viscosity lubricating oils, an 1800 rpm motor just can't stay in the game. The 15V456 uses a ½ Hp, 1140 rpm (115/230 VAC, 1 Ph, 60 Hz, TEFC) electric motor close coupled to a Viking pump. With a flow rate of 1.9 gpm (7 L/m), and an internal by-pass set at 60 psi., the 15V456 is well suited to kidney-loop filtration on gearboxes and power train machinery that run continuously.

The 2-way flow selector valve on the discharge side of the pump, allows a secondary filter with quick disconnects (order separately), to function as a true duplex filtration system. When the condition indicator is approaching the end of the **red zone** (60 psi), the secondary filter is selected. The primary filter can then be changed while the kidney-loop procedure continues.



OILMISER™ OIL Flow Path & Hose Connection Legend



Unless otherwise specified OILMISER™ Series QD-51 Quick Disconnects are supplied with hose assemblies.
Dust Covers are not included with hose assemblies

Hydraulic Quick Disconnect Interchange Guide					
OILMISER™ Series 50 - ISO 7241-1B (Blue)			OILMISER™ Series 51 - ISO 7241-A (Red)		
Make	Coupling	Nipple	Make	Coupling	Nipple
OILMISER™	QDC-50	QDN-50	OILMISER™	QDC-51	QDN-51
Parker	H4-62	H4-63	Parker	6601-8-10	6602-8-10
Aeroquip	FD45-1003-8-8	FD45-1002-8-8	Aeroquip	5601-8-10	5602-8-10

