

## Customized Filtration Solutions for Many Applications

These fully customizable filtration systems offer workplace solutions for a variety of applications. Whether it is for prefiltering new oil, transferring oil, topping off reservoirs, dispensing new oil, filtering contaminated systems, or more - there is a configuration for you. These quality systems can be customized with different pumps, filters, hoses, connections, and colors.



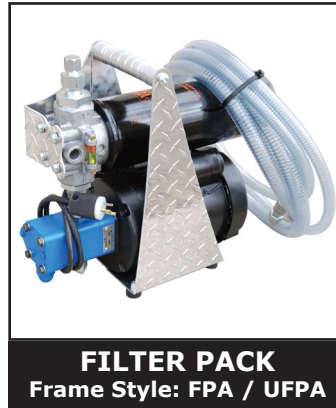
**DRUM FILTER CART**  
Frame Style: DC

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



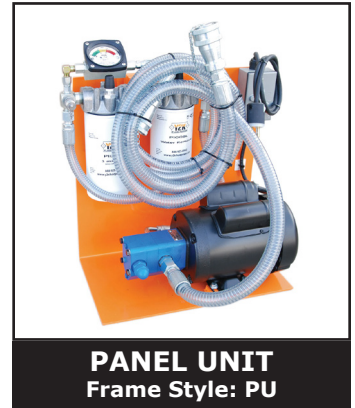
**DRUM TOPPER**  
Frame Style: DT

- Typical Applications:
- Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**FILTER PACK**  
Frame Style: FPA / UFPA

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**PANEL UNIT**  
Frame Style: PU

- Typical Applications:
- Filtering contaminated systems
  - Collecting oil samples for analysis
  - Dispensing new oil



**STEEL TOTE CART**  
Frame Style: T3

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**FILTER CART**  
Frame Style: HT

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



**TANDEM FILTER CART**  
Frame Style: TH

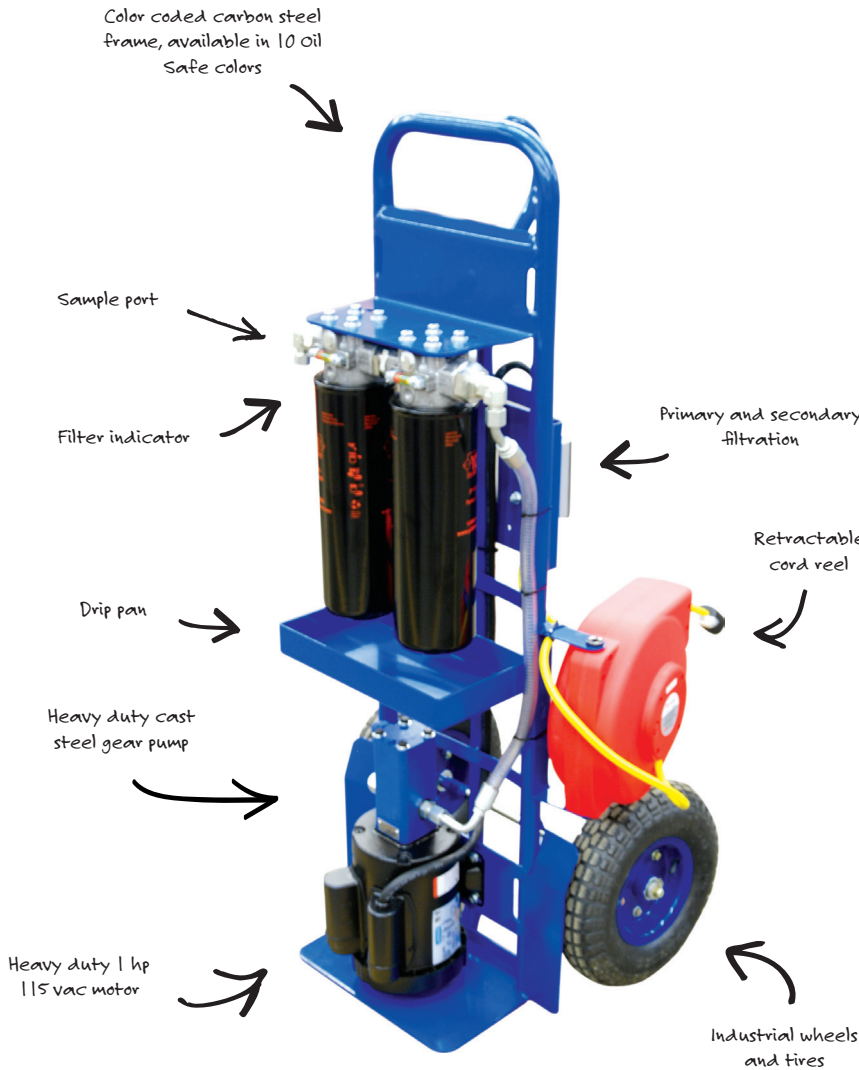
- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



**PLATFORM CART**  
Frame Style: PT

- Typical Applications:
- Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil

# D Series Filter Cart



## TYPICAL APPLICATIONS

- filter contaminated systems
- flushing systems
- filtering oil
- transferring oils
- topping off reservoirs
- collection samples for analysis
- dispensing oil

Pimp your cart!

## Options

Standard features are in **bold**

Primary Filter	4	5"X14" 4 micron element $\beta_4=2000$
	7	5"X14" 7 micron element $\beta_4=2000$
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	<b>5"X14" water removal element</b>

Secondary Filter	4	<b>5"X14" 4 micron element <math>\beta_4=2000</math></b>
	7	5"X14" 7 micron element $\beta_4=2000$
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	5"X14" water removal element

Pump	2	2 GPM pump
	5	<b>5 GPM pump</b>
	10	10 GPM pump

Hoses	NH	no hoses
	SH	<b>7ft clear PVC hose, 3/4" suction 1/2" discharge</b>
	SH1	7ft clear PVC hose, 1" suction 3/4" discharge
	WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
	WH1	7ft black hydraulic hose, 1" suction 3/4" discharge

Hose End Connections	CQ	camlock connectors
	TE	threaded ends
	SQ	<b>3/4" &amp; 1/2" ISO B quick disconnect w/steel dust plugs</b>
	SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
	AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
	FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
	HW	hose wands

Electric Cord	4P	4ft electric cord
	8P	8ft electric cord
	40R	<b>40ft retractable electric cord reel</b>
	25C	25ft electric cord

Frame Color	70	beige
	71	black
	72	blue
	73	dark green
	74	grey
	75	mid green
	76	orange
	77	purple
	78	red
	79	<b>yellow</b>

## D Series Filter Cart

The HT-D Series cart is our signature filter cart and is an excellent choice for "off-line" filtration in a wide variety of settings. Extremely mobile and light weight, this filter cart has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F. Featuring a carbon steel frame, industrial grade components, and a variety of options, this cart is designed to keep you and your operation up and running. Choose either the standard cart or customize it for your facility.

Part #	Description
FFHTD5A	Standard D Series Filter Cart standard cart features are bold in the options section
FFHTD5C	Custom D Series Filter Cart customize your cart with features in the option section

# Portable FilterPak

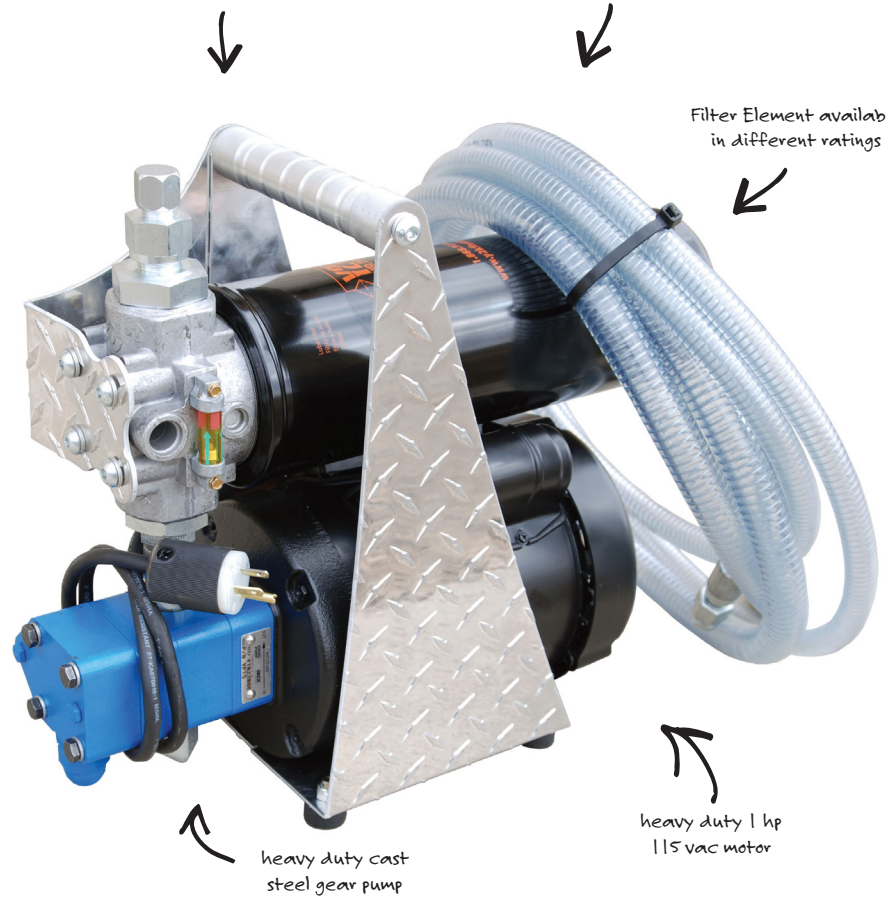
Handle for easy transport

Frame available in aluminum or the 10 oil safe colors

Filter indicator

Swiftly tailor to your application

Filter Element available in different ratings



heavy duty cast steel gear pump

heavy duty 1 hp 115 vac motor

## Options

Standard features are in **bold**

Filter	Options
4	5"X14" 4 micron element $\beta_4=2000$
7	<b>5"X14" 7 micron element <math>\beta_4=2000</math></b>
10	5"X14" 10 micron element $\beta_4=1000$
25	5"X14" 25 micron element $\beta_4=2000$
WR	5"X14" water removal element

Pump	Options
2	<b>2 GPM pump</b>
5	5 GPM pump

Hoses	Options
NH	no hoses
SH	<b>7ft clear PVC hose, 3/4" suction 1/2" discharge</b>
SH1	7ft clear PVC hose, 1" suction 3/4" discharge
WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
WH1	7ft black hydraulic hose, 1" suction 3/4" discharge

Hose End Connections	Options
CQ	camlock connectors
TE	threaded ends
SQ	<b>3/4" &amp; 1/2" ISO B quick disconnect w/steel dust plugs</b>
SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
HW	hose wands

Electric Cord	Options
4P	<b>4ft electric cord</b>
8P	8ft electric cord
40R	40ft retractable electric cord reel
25C	25ft electric cord

Frame Color	Options
70	beige
71	black
72	blue
73	dark green
74	grey
75	mid green
76	orange
77	purple
78	red
79	yellow
0	<b>diamond plated aluminum</b>

Additional customization and options available.

## TYPICAL APPLICATIONS

- filter contaminated systems
- flushing systems
- filtering oil
- transferring oils
- topping off reservoirs
- dispensing oil

## Portable FilterPak

Perfect for situations with minimal storage space, the FilterPak combines style and convenience in a compact design that allows the operator to carry it just about anywhere. This powerhouse has the ability to filter oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F. Featuring a aluminum frame, industrial grade components, and a variety of options, this FilterPak is designed to keep you and your operation up and running. Choose either the standard FilterPak or customize it for your facility.

Part #	Description
FFDFPA	Standard FilterPak D Series standard FilterPak features are bold in the options
FFDFPC	Custom FilterPak D Series customize your FilterPak with features in the options

# D Series Filter Cart



## TYPICAL APPLICATIONS

- filter contaminated systems
- flushing systems
- filtering oil
- transferring oils
- topping off reservoirs
- dispensing oil

## 4 Wheel Steel Tote

The T-3 Tote is a versatile tote. With its 30 gallon tank, this tote makes filtering, transferring, and topping off reservoirs a breeze. It can fill itself, be used as an off-line filter for cleaning different reservoirs, and to pump oil into various containers. This tote has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F. Order a standard version or customize to your application.

Part #	Description
FFDT3A	Standard 4 Wheel Steel Tote D Series standard Steel Tank Tote features are bold in the options
FFDT3C	Custom 4 Wheel Steel Tote D Series customize your FilterPak with features in the options



## TYPICAL APPLICATIONS

- filtering oil
- transferring oils
- topping off reservoirs
- dispensing oil
- waste oil extraction

## Platform Cart

Getting oil from bulk or drum storage and out into the plant is made convenient and easy with the PT-D Platform Cart. Designed to accommodate various tank configurations, the platform cart can be used to deliver multiple oil types to their final destination. An optional oil rack and toolbox makes storage of essential equipment and tools easy to transport. The platform cart has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F.

Part #	Description
FFPTA	Standard Platform Cart D Series with 2-32g Poly Tanks standard Platform Cart features are bold in the options
FFPTC	Custom Platform Cart D Series customize your Cart with features in the options

## Options

Standard features are in **bold**

Primary Filter	4	5"X14" 4 micron element β4=2000
	7	5"X14" 7 micron element β4=2000
	10	5"X14" 10 micron element β4=1000
	25	5"X14" 25 micron element β4=2000
	WR	<b>5"X14" water removal element</b>

Secondary Filter	4	<b>5"X14" 4 micron element β4=2000</b>
	7	5"X14" 7 micron element β4=2000
	10	5"X14" 10 micron element β4=1000
	25	5"X14" 25 micron element β4=2000
	WR	5"X14" water removal element

Pump	2	2 GPM pump
	5	<b>5 GPM pump</b>
	10	10 GPM pump

Hoses	NH	no hoses
	SH	<b>7ft clear PVC hose, 3/4" suction 1/2" discharge</b>
	SH1	7ft clear PVC hose, 1" suction 3/4" discharge
	WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
	WH1	7ft black hydraulic hose, 1" suction 3/4" discharge

Hose End Connections	CQ	camlock connectors
	TE	threaded ends
	SQ	<b>3/4" &amp; 1/2" ISO B quick disconnect w/steel dust plugs</b>
	SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
	AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
	FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
	HW	hose wands

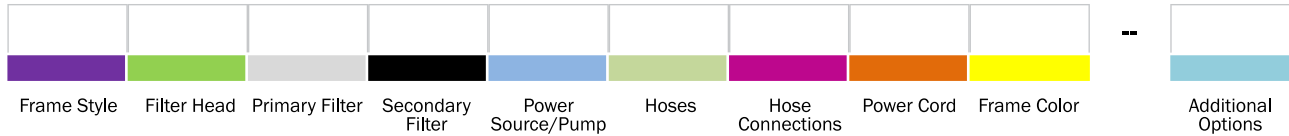
Electric Cord	4P	4ft electric cord
	8P	8ft electric cord
	40R	<b>40ft retractable electric cord reel</b>
	25C	25ft electric cord

Frame Color	70	beige
	71	black
	72	blue
	73	dark green
	74	grey
	75	mid green
	76	orange
	77	purple
	78	red
	79	<b>yellow</b>

Platform Tank	PT32	32gal poly tank
	PT3232	<b>(2) 32gal poly tank</b>
	PT71	71gal poly tank
	PT115	115gal poly tank

Additional customization and options available.

# Filtration Solutions Configuration Guide



## FRAME STYLE

DC	Drum Filter Cart
DT	Drum Topper ( <i>Uses the Y series head</i> )
FPA	Aluminum Diamond Plated, FilterPak ( <i>Single D series head</i> )
UFPA	Ultra-light, Aluminum Framed FilterPak ( <i>Single M series head</i> )
HT	Filter Cart
PU	Panel Unit
T3	30 Gallon, Steel Tote Cart
TH	Tandem Filter Cart
PT32	Platform Cart w/ 32 gal Poly Tank
PT3232	Platform Cart w/ 2 ea 32 gal Poly Tanks
PT71	Platform Cart w/ 71 gal Poly Tank
PT115	Platform Cart w/ 115 gal Poly Tank
ZC	Special Filter Cart Construction

## FILTER HEAD OPTION

Y	Compact, Low Pressure, Aluminum Heads
D5	Medium Pressure, Cast Aluminum Heads
M	Low Pressure, Aluminum Heads
NF	No Heads
ZF	Special Heads

## PRIMARY FILTER ELEMENT (1ST STAGE)

**Y Series Filters** (*Only used with the Drum Topper*)

3	3"x 8", 3 Micron Filter Element, $\beta_3=1000$
5	3"x 8", 5 Micron Filter Element, $\beta_7=1000$
7	3"x 8", 7 Micron Filter Element, $\beta_7=1000$
12	3"x 8", 12 Micron Filter Element, $\beta_{12}=1000$
22	3"x 8", 22 Micron Filter Element, $\beta_{22}=1000$
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element

**M Series Filters** (*Only used with the M series Heads*)

3	5"x 10", 3 Micron Filter Element, $\beta_3=1000$
6	5"x 10", 6 Micron Filter Element, $\beta_6=1000$
10	5"x 10", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 10", 25 Micron Filter Element, $\beta_{25}=1000$
WR	5"x 10", Water Removal Element
NE	No Element

**D Series Filters** (*Only used with the D series Heads*)

4	5"x 14", 4 Micron Filter Element, $\beta_4=2000$
7	5"x 14", 7 Micron Filter Element, $\beta_7=2000$
10	5"x 14", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 14", 25 Micron Filter Element, $\beta_{25}=2000$
WR	5"x 14", Water Removal Element
NE	No Element

## SECONDARY FILTER ELEMENT (2ND STAGE)

**Y Series Filters** (*Only used with the Drum Topper*)

3	3"x 8", 3 Micron Filter Element, $\beta_3=1000$
5	3"x 8", 5 Micron Filter Element, $\beta_7=1000$
7	3"x 8", 7 Micron Filter Element, $\beta_7=1000$
12	3"x 8", 12 Micron Filter Element, $\beta_{12}=1000$
22	3"x 8", 22 Micron Filter Element, $\beta_{22}=1000$
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element

**M Series Filters** (*Only used with the M series Heads*)

3	5"x 10", 3 Micron Filter Element, $\beta_3=1000$
6	5"x 10", 6 Micron Filter Element, $\beta_6=1000$
10	5"x 10", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 10", 25 Micron Filter Element, $\beta_{25}=1000$
WR	5"x 10", Water Removal Element
NE	No Element

**D Series Filters** (*Only used with the D series Heads*)

4	5"x 14", 4 Micron Filter Element, $\beta_4=2000$
7	5"x 14", 7 Micron Filter Element, $\beta_7=2000$
10	5"x 14", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 14", 25 Micron Filter Element, $\beta_{25}=2000$
WR	5"x 14", Water Removal Element
NE	No Element

## POWER SOURCE/PUMP

*First select the power source required and then your desired pump. \*\* The 115v, 1HP option is standard and no power source select is needed.*

NP	No Power Source
-	115v, 60Hz, 1HP**
C	115v, 60Hz, 1/2 HP
Q	115v, 60Hz, 1/4 HP ( <i>Only available on the FilterPak and Drum Topper Units</i> )
E	Explosion Proof ( <i>Available in 115v and 230v</i> )
T	Three Phase, 230/460v
M	Air Motor ( <i>Filter, Lubricator &amp; Regulator included</i> )
V	Variable Speed
ZP	Special Power Source
1	1 GPM
2	2 GPM
5	5 GPM
10	10 GPM
ZX	Special Pump Option

## HOSES

NH	No Hoses
SH	7ft clear, PVC Hose (3/4" Suction & 1/2" Discharge)
SH1	7ft clear, PVC Hose (1" Suction & 3/4" Discharge)
WH	7ft Black Hydraulic Hose (3/4" Suction & 1/2" Discharge)
WH1	7ft Black Hydraulic Hose (1" Suction & 3/4" Discharge)
ZH	Special Hose Type and/or Length

## HOSE END CONNECTIONS

CQ	CamLock Connectors
TE	Threaded Ends
SQ	3/4" & 1/2" ISO B Quick Disconnects w/ Steel Dust Plugs
SQ1	1" & 3/4" ISO B Quick Disconnects w/ Steel Dust Plugs
AQ	3/4" & 1/2" ISO A Quick Disconnects w/ Steel Dust Plugs
AQ1	1" & 3/4" ISO A Quick Disconnects w/ Steel Dust Plugs
FQ	3/4" & 1/2" Flush Face Quick Disconnects w/ Steel Dust Plugs
FQ1	1" & 3/4" Flush Face Quick Disconnects w/ Steel Dust Plugs
HW	Hose Wands
NQ	No Connections
ZQ	Special Connections

## ELECTRIC CORD

NC	No Cord
4P	4ft Electric Cord
8P	8ft Electric Cord
40R	40ft Retractable Cord Reel
25C	25ft Electric Cord
ZW	Special Cord Type or Plug

## FRAME COLOR OPTIONS

1	Blaze Orange
2	Red
3	Blue
4	Black
5	Yellow
6	Silver
7	Special Color

## OPTIONS

A	High Oil Temperature Alarm
B	Manual Bypass Valve
D	Digital Flow Meter/Totalizer
E	Color Coded Delta P Gauge
F	Visual Flow Meter
L	Lift Lugs
MF	Magnetic Pre-Filter w/ Cleanable Rod
HE	Heat Exchanger (Air/Oil or Water/Oil)
N	Push Button Sample Ports
O	Standard Minimes Sample Ports
P	Inline Particle Counter
S	Y-Strainer (149 mesh)
T	On/Off Timer Control
W	Water Content Monitor ( <i>For use with the Particle Counter</i> )
Y	Yellow Light Filter Indicator
SR	Solid Rubber Tires
FF	No Flat, 13" Tires
Z	Special Features and/or other Options not listed

*Tip: Each system is custom built to your specifications. It may take longer but you know you are receiving something you need. Plus, there are many options and ways to configure. Give us a call and we can help guide you.*