



Gear Boxes

Hydraulic Systems

Lube Oil Systems

FilClean™ TK Features:

- High Quality all Steel Powder Coated 4 Wheeled Cart.
- Choice of 25, 50, 100 or 150 Gallon Steel Oil Storage Tank supplied with Desiccant Breather, Oil Fill Cap, removable Clean Out Port, Oil Drain and Oil Level Sight Glass.
- Choice of 1, 4 or 10 GPM High Quality Steel Or Aluminum Gear Pumps with 65 PSIG Internal Relief Valve and choice of either TEFC or Washdown Duty Motor.
- Choice of Filter Manufacturers, Types and Microns with Filter Plugged Indicator and Upstream Oil Sample Valve. ISO Cleanliness Codes 16/14/12 or lower.
- Nema 4 110V or 220V Single Phase Electric with On/Off Switch, Power Cord Attached. Hazardous Duty Electric Optional.
- 8 FT Oil Fill Hydraulic Hose with Hose Holder and Gate Fill Valve.
- All Steel Leak Resistant JIC Fittings With Quick Disconnects Standard.
- Customisable Colors



FCTK-HD-25-1-110-DN7
25 Gallon Tank



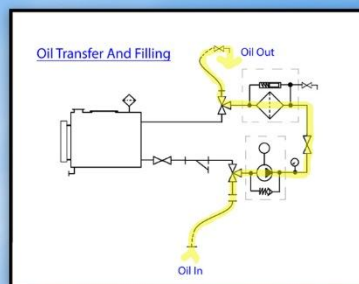
FCTK-M-150-10-110-DN7
150 Gallon Tank



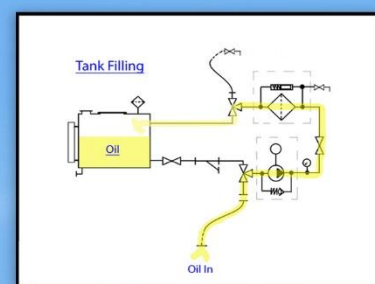
FCTK-M-100-10-110-DN7
100 Gallon Tank



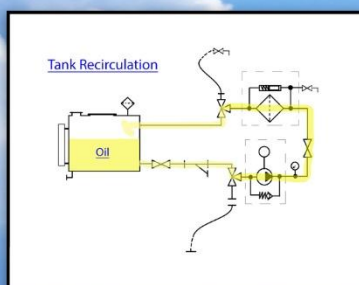
FilClean™ TK can be easily valved into the following configurations using the simple operational guide attached to each unit.



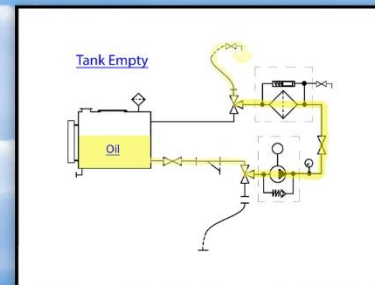
External Oil Transfer Or Filter Kidney Loop



Oil Tank Fill and Oil Storage



Oil Tank Filter Recirculation



Oil Tank Transfer Out and Filter

FCLTK - **TABLE 1** - **TABLE 2** - **TABLE 3** - **TABLE 4** - **TABLE 5** - **TABLE 6**
DUTY FLOW TANK FILTER VOLTAGE ADDERS

Table 1: Duty

HD	Heavy Duty - Nema 4 (Powder Coated , Washdown Motor)
MD	Medium Duty - Nema 4 (Painted Frame , TEFC Motor)
X	Hazardous Duty - Class 1 Group C&D (Heavy Duty)
SD	Special Duty - Discuss With MSC on Application

Table 2: Flow

1	1 GPM
4	4 GPM
10	10 GPM

Table 3: Tank Size

25	25 Gallons (97 Liters)
50	50 Gallons (194 Liters)
100	100 Gallons (387 Liters)
150	150 Gallons (581 Liters)
ST	SPECIAL TANK - DISCUSS WITH MSC

FILCLEAN TK SPECIFICATIONS

Oil Compatibility: Mineral Based Gear, Lube or Hydraulic
(Phosphate Ester Optional)

Available Standard Pump Flows: 1, 3 or 5 GPM

Dimensions: 25 Gallon Tank - 24" W X 48" I X 36" H
50 Gallon Tank - 24" W X 48" I X 48" H
100 Gallon Tank - 36" W X 36" I X 24" H
150 Gallon Tank - 44" W X 39" W X 24" H

Empty Weight: 25 Gallon 250 Lbs , 50 Gallon 280 Lbs
100 Gallon 320 Lbs, 150 Gallons 340 Lbs

Max Amp Draw: 5 Amps/110V , 3 Amps 220V

Max Viscosity: 3000 cSt

Data Sheet: FCLTK-REV10-12192017KB

Table 4: Filter - see note

D7	7 Micron Beta 2000 Spin On
D25	25 Micron Beta 2000 Spin On
SFIL	Customer Specified - Discuss MSC

Note: D7 Filter option will provide an oil ISO 4406 cleanliness level of 16/14/12 in single pass while D25 Filter option will provide an oil ISO 4406 cleanliness level of 18/16/13 in single pass.

Table 5: Voltage

110	110 V 60 HZ SP
220	220 V 50 HZ SP
SV	Special Voltage (Consult MSC)

Table 6: Adders - see note

Blank	No Adders
RPC	Retractable Power Cord (Nema 4 Only)
QD	Hydraulic Quick Disconnects Suction
SA	Special Custom Adder - Discuss MSC

Note: Add as many adders in a row as applicable with dashes in between.

MSC FILTRATION TECHNOLOGIES

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