



## BLACK GOLD Filter Cart (BGFC) Series

Rugged & Portable Solutions



### Go Mobile Anywhere, Anytime

- 1** Portable flexibility with rugged Black Gold series to filter bulk storage or actively running machinery
- 2** Includes hoses for inlet and outlet, as well as ball valves, to isolate unit for element changes
- 3** Laser Particle Counter Option so you always know your oil condition in real time

### Features & Benefits

- Automatic High/Low Pressure Shutdown System for unattended operation
- Moisture removal down to 100ppm
- Lower ISO codes
- Heavy duty wheels for easy mobility
- Sample port for easily drawn oil samples
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Hydraulic Systems, Gear Boxes, Stationary Engines, Lube Rooms, Machining Oils, Turbine Oils, Transmission Fluids and Engine Oils

### Fluid Cleanliness is Critical in Reducing Wear

Filtroil's dedicated by-pass filtration systems far exceed industry standards, filtering down between 1 and 5 microns will maintain cleanliness levels several grades cleaner than brand new oil, dramatically extending the life of lubricated components and oil. Increased filtration accuracy prevents wear in hydraulic, gear and diesel engine oil systems. Extending equipment life saves you time, money and resources.

Maximum contaminant holding capacity and water removal with depth filtration increases reliability and productivity for your most critical assets.

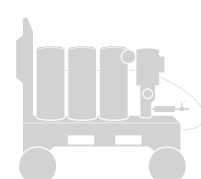
### Industry Applications

- Mining Operations
- Power Plants
- Paper Mills
- Metal Stamping
- Injection Molding
- Marine Vessels
- Government Satellite Operations
- Hay Compression
- Construction
- Service Trucks



## BLACK GOLD Filter Cart (BGFC) Series

### Specifications

**BGFC 100****BGFC 200****BGFC 300**

<b>Overall Dimensions</b>	20"W x 25"L x 46"H	22"W x 25"L x 46"H	22"W x 38.5"L x 46"H
<b>Net Weight</b>	250 lbs.	260 lbs.	340 lbs.
<b>Filter Housings</b>	1	2	3
<b>Dirt Holding Capacity</b>	5 lbs.	10 lbs.	15 lbs.
<b>Water Holding Capacity</b>	1 gallons	2 gallons	3 gallons
<b>Housing Oil Capacity</b>	20 quarts	40 quarts	60 quarts
<b>Flow Rate</b>	5 gpm 300 GPH (1136 lph)	8 gpm 480 gph (1824 lph)	8.5 gpm 510 GPH (1938 lph)
<b>Motor Rating</b>	3/4 HP 1725 RPM (Gear Oil - 1140 RPM)	3/4 HP 1725 RPM (Gear Oil - 1140 RPM)	1 HP 1725 RPM (Gear Oil - 1140 RPM)
<b>Inlet Diameter</b>	1/2" NPT w ball valves	3/4" NPT w ball valves	3/4" NPT
<b>Outlet Diameter</b>	1/2" NPT w ball valves	3/4" NPT w ball valves	3/4" NPT
<b>Voltage</b>	110V	110V	110V
<b>Relief Valve Setting</b>	70 PSI	70 PSI	70 PSI
<b>Viscosity Capabilities</b>	10/460 cSt	10/460 cSt	10/460 cSt
<b>Oil (ISO) Cleanliness</b>	16/15/12 or better*	16/15/12 or better*	16/15/12 or better*

\*ISO cleanliness codes will vary depending on operating conditions. Every industry application and operating environment is different. Please speak with a field service engineer with any questions to insure the appropriate size and filtration unit has been selected for your application.

\*\*Every industrial application and environment is different. Units are sized for a 15% turn of a hydraulic reservoir every hour. For higher ingress rates and excessive moisture removal or for engine oil or gear oil applications please speak with our application engineer to determine the right size unit for your application. Critical components might also require up sizing for optimally targeted ISO code results.

\*\*\*BLACK GOLD High Pressure series units come with a pressure compensated flow control valve that can see up to 3000 psi. These units have a relief valve setting so that the housing will never see more than 60 psi. 5000 psi flow control valves are available on request.



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# BLACK GOLD Filter Cart (BGFC) Series

## Specifications

**BGFC 400****BGFC 3000**

<b>Overall Dimensions</b>	22"W x 38.5"L x 46"H	26"W x 28"L x 48.5"H
<b>Net Weight</b>	420 lbs.	300 lbs.
<b>Filter Housings</b>	4	1
<b>Dirt Holding Capacity</b>	20 lbs.	15-20 lbs.
<b>Water Holding Capacity</b>	4 gallons	6 gallons
<b>Housing Oil Capacity</b>	80 quarts	70 quarts
<b>Flow Rate</b>	11 gpm 660 GPH (2508 lph)	30 gpm 1800 gph (6840 lph)
<b>Motor Rating</b>	1.5 HP 1725 RPM (Gear Oil - 1140 RPM)	2 HP 1725 RPM (Gear Oil - 1140 RPM)
<b>Inlet Diameter</b>	3/4" NPT	1 1/2" NPT w cam lock fittings
<b>Outlet Diameter</b>	3/4" NPT	1 1/2" NPT w cam lock fittings
<b>Voltage</b>	110V	220V
<b>Relief Valve Setting</b>	70 PSI	70 PSI
<b>Viscosity Capabilities</b>	10/460 cSt	10/460 cSt
<b>Oil (ISO) Cleanliness</b>	16/15/12 or better*	16/15/12 or better*

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