

OIL FILTRATION SYSTEMS, INC.

111 Parkway Drive, Boerne, Texas 78006

Phone: 830-816-3332

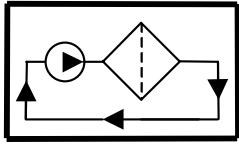
Fax: 830-816-3331

Web: oilfiltrationsystems.com

Mining & Haul Truck Filtration Systems

- 1. Rear Differential, Wheel Motor, Hydraulic, and Transmission Filtration Systems**
- 2. On-board Filtration Systems for Rear Differential and Hydraulic Systems**
- 3. Crusher Filtration Systems**





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I. Rear Differential, Hydraulic, and Transmission Filtration Systems



40 GPM Filtration System

Obtain ISO Cleanliness Codes as low 15/12/9 within minutes.

Exceed OEM Oil Cleanliness Specifications.

On Board Laser Particle Counter to obtain particle counts and ISO Cleanliness Codes On sight.

Simple Hookup for One Man Unattended Operation.

Electrical & Pneumatic Power Options.

Shutdown control when filter plugs and target ISO cleanliness code is reached.

Handle ISO 680 Gear Oil with ease.

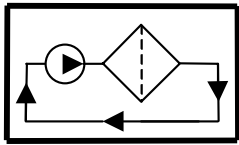
Attached Reservoir Options.



Haul Truck Rear Differential



On-board Laser Particle Counter



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Hydraulic & Rear Wheel Motor Filtration System



Obtain ISO Cleanliness Codes as low as 15/12/9 within minutes.

Exceed OEM Oil Cleanliness Specifications.

On Board Laser Particle Counter to obtain particle counts and ISO Cleanliness Codes On sight.

Simple Hookup for One Man Unattended Operation.

Electrical & Pneumatic Power Options.

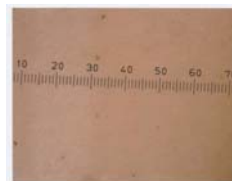
Shutdown control when filter plugs and target ISO cleanliness code is reached.

3 GPM System with Heater Option

Handle ISO 680 Gear Oil with ease.

20 GPM System on a Hydraulic System

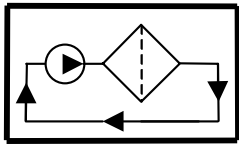
Attached Reservoir Options.



After Filtration
ISO 14/12/9



Before Filtration
ISO 22/21/18



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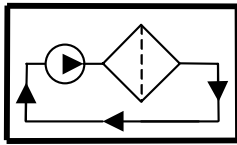
On Board Filtration Systems for Mobile Mining Equipment



2 GPM Model with Dual Elements

Size: 24" H X 24" W X 12" D

Note the 24 Volt DC Motor



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On Board Filtration Systems



2 GPM Model with Single Element

Size: 20" H X 16" W X 8" D

Compact for use on Rear Differentials and Hydraulic Systems for Haul Trucks and Loaders.

Flow Rates from 0.5 to 2 GPM.

Power Options: 1. 24 Volts DC Electric Motor, 2. Hydraulic Motor.

High Efficiency Filter Element with High Dirt Holding Capacity and High Particle Retention.

Differential Change Filter Element Indication – with external light that can be mounted in the cab.

Dust Tight and Water Tight NEMA 4 Enclosure.

Typically mounted above Rear Differential on Haul Trucks.

24V DC Motor Full Load Amps = 13.5



Actual On-board System with Door Removed for Inspection

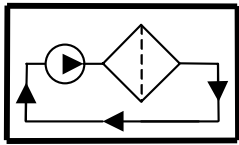
Actual Application on CAT 994 Loader in Nevada

ISO Code

Base Line: 22/16

After 1.5 days: 18/15

After 1 week: 15/13



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Crusher Filtration Systems

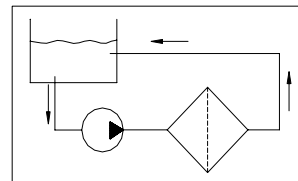


Many crusher applications have high particulate ingestion. Consequently, premature bearing wear and oil circulation pump malfunction is prevalent. We have worked with numerous mining customers and developed filtration systems to remove excess particulate.

Our systems have eliminated premature bearing and pump wear thus eliminating the high cost of unscheduled downtime.

One of the most effective ways is to install our systems is along side the existing crusher lube system lube oil reservoir. This is depicted in the schematic to the right.

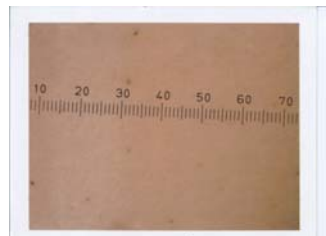
Our systems provide high capacity filtration with high efficiency particulate removal. Our customers now replace only filters at a fraction of the cost of new crusher parts and unscheduled downtime.



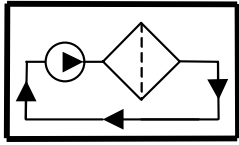
Oil Filtration System's Filtration System recirculating an existing Crusher Lube Oil System Reservoir.



Before Filtration:
ISO 22/20/18



After Filtration:
ISO 16/14/12



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Call us today because we want to be your mobile filtration solutions provider!



5 systems sold to one copper mine in Arizona for CAT 797 Haul Trucks



CAT 797 Haul Truck