Oil Filtration Systems - Bearing
Lubrication & Filtration Systems were
developed to reduce overall operational
and maintenance cost associated with
contaminated bearings, gear boxes, and
other rotational equipment. The end-user
is able to purify a system's lube oil while
on-line. This process removes harmful
contaminants before they can accumulate
and cause problems. Our systems can be
designed to filter, lubricate, remove heat,
monitor flow, monitor temperature and
monitor pressure at the same time to
ensure maximum system performance and
reliability. They can be equipped to
remove particulate, water, and acid in one
complete system.

- Maximize bearing life.
- Extend oil life.
- Reduce mechanical component wear.
- Reduce downtime.
- Achieve the highest degree of
preventative maintenance.

Our Bearing Lubrication and
Filtration Systems are
recommended for systems that
have:
- High frequency of bearing failure.
- High mechanical wear due to
contaminated lube oil.
- Fluids with high particle counts.
- Oils with high water content.

FEATURES

High efficiency particulate removal
elements: Synthetic - inert & inorganic filter
media. Removes particles as small as ½ micron
after one pass.

Water removal capability: Remove water
from the lubrication oil while filtering.

Optional heat exchanger: Remove excess
heat and reduce equipment and oil temperature.
Maximize oil life and control
oil oxidation.

Custom design capability: We custom design
our systems to meet the demands of each unique
application. Monitor flow, temperature and
pressure in one package.

Heat removal capability: We can incorporate
heat exchangers to help lower oil & overall
system temperature.
Mechanical Specifications

Flow rate options from: .01 to 1000 GPM

Flow meters: Monitor system flow and provide low & high level flow indication.

Heat exchanger: Air cooled or liquid cooled options. Remove heat from the system and lower the lubricating fluid temperature.

Filter Housings: 1, 2, or 3 filter vessels for particulate, water & acid removal.

Plugged element indication: Differential pressure gauges provide 30-40 PSID indication when the elements need to be changed.

Pump: Heavy-duty self-priming positive displacement gear pump or centrifugal pump options.

Connections: NPT standard. Flange, SAE, or JIC options available.

Gauges: System temperature and pressure gauges are standard.

Oil Sample Valve: Oil sample valve for quick & convenient oil analysis.

Electrical Specifications

Voltage options: 120 / 220 VAC, 1 Ph., 60 Hz 220/ 380/ 480/ 575 VAC, 3 Ph., 60 Hz & 50 Hz.

Motors: 1/4 - 100 hp, 1750 RPM, TEFC or explosion proof.

Control: Remote or manual start options.


Custom options are available

www.oilfiltrationsystems.com

For technical support & application help call us at 830-816-3332.