

Cost Effective Lube Oil Cleaning

with centrifugal separation

Lube oil contamination

Clean lube oil is essential for a trouble free process. However, even in the most sophisticated systems contamination is a problem, degrading the lube oil quality.

A costly problem

Particles and water in the lube oil are common and costly problems in many industrial processes causing:

- unplanned downtime
- corrosion
- equipment wear
- maintenance costs

The Solution:

Centrifugal separators are available in several configurations, from mobile modules to integrated systems. Plug-in units make installation fast and simple. Continuous high performance makes total cost of ownership comparably low.

Benefit

1

Removes both particles and water in a single operation

Centrifugal separators are available in several configurations, from mobile modules to integrated systems. Plug-in units make installation fast and simple.

Highly effective, separates also small particles

The smallest particles usually are the hardest to deal with, and they can create much damage to the equipment while trapped in fine clearances. A centrifugal separator can remove also particles below 10 μm .

Benefit

2

Benefit

3

Continuous operation without loss of capacity

Lube oil cleaning filters eventually clog as particles are trapped, and lose their efficiency. Self-cleaning centrifugal separators can operate 24/7 as water and solids are continuously removed.

Requires minimal service and maintenance

While other technologies need a high degree of maintenance, like continuous exchange of filter cartridges, a centrifugal separator can operate over longer periods of time. No consumables, and fewer man hours engaged, equals lower costs.

Benefit

4

Benefit

5

Enables more process uptime

A centrifugal separator has a positive effect on productivity and process uptime. Both planned stops for maintenance, and unplanned stops due to equipment failure, is kept at a minimum.

Prolongs equipment lifetime

Equipment wear is tightly connected to the lube oil quality. By effectively removing contaminants from the lube oil, the centrifugal separator contributes to substantially longer equipment lifetime, sometimes by a factor 2 or more.

Benefit

6

Best Total Cost of Ownership (TCO)

A centrifugal separator is highly effective to keep lube oil clean from contaminations. Summing up a long range of benefits, the centrifugal separator often provides the best Total Cost of Ownership (TCO) compared to other lube oil cleaning methods.

For details please refer to our technical information.