

# Proactive Steps to Prepare and Protect Assets That Are Being Turned Back On

## INSTALL OR REPLACE THE BREATHER

Hopefully you had a breather on your asset when you shut it down. If you didn't then you should definitely install one immediately. If you had one on during shut down then it is recommended to replace it with a new one.

Why do you need a breather on your asset?

## FLUSH THE ASSET

When restarting equipment, if visual inspection shows water or sediment in the oil, the system may need to be flushed to remove them.

How to select a filter cart



## TRAIN YOUR TEAM

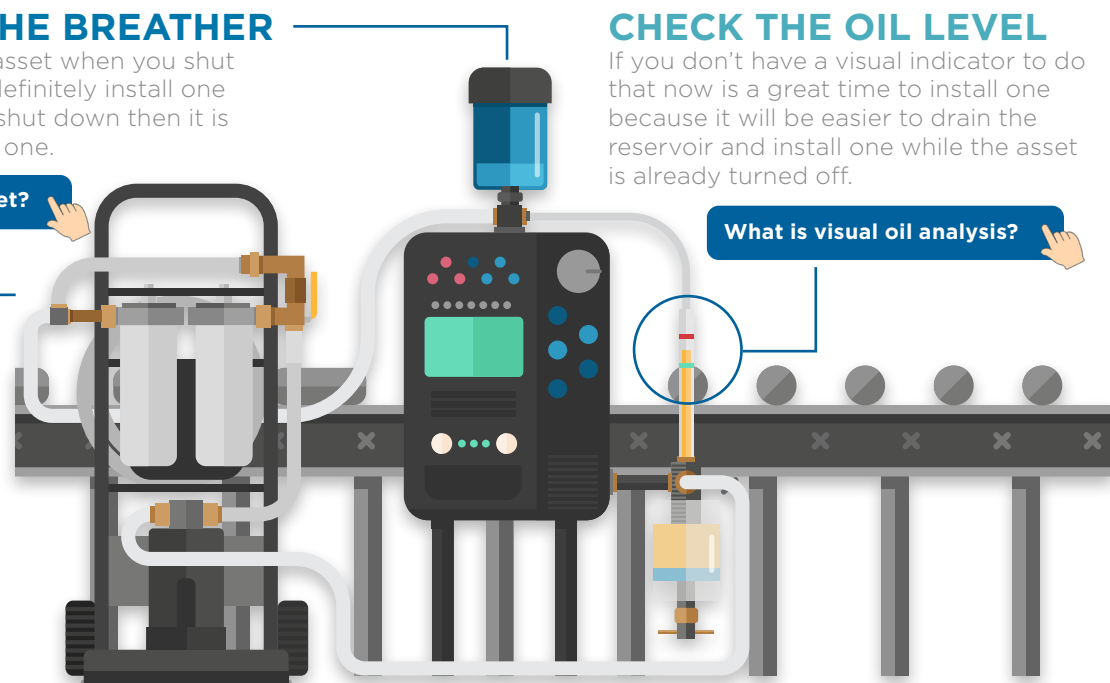
Training is often overlooked when it comes to investments and spending. This can lead to issues during start-up or even persist throughout the life of the machine.

Register for our online Machinery Lubrication Training Classes.

## CHECK THE OIL LEVEL

If you don't have a visual indicator to do that now is a great time to install one because it will be easier to drain the reservoir and install one while the asset is already turned off.

What is visual oil analysis?



## TOP OFF THE ASSET

If the oil level is low then it will need to be topped off to the correct level. Using a transfer container that is completely sealed will ensure contaminants are not introduced into the oil during transfer and application.

## CHECK FOR LEAKS

No oil leakage is visible around joints, hoses, filters and fittings.

## CHECK THE FILTERS

Make sure that supply and return line filters are in good condition and do not need to be changed.

## SAMPLE THE OIL

Prior to start up, a baseline oil sample should be taken to insure the health and integrity of the fluid. In addition to routine oil analysis tests such as wear metal and additive element content and oil viscosity, overall fluid cleanliness and dryness should also be measured. In addition to basic testing, it is also important that companies that rely on hydraulics measure the potential for varnish formation within the system.