

AIR COMPRESSOR:

Air compressors are by far the most important part of your lube equipment, as condensation within the tank will impact performance the most.

- Drain air compressor daily

If needed, a separator should be added to keep the air clean and dry.

TPL Tip: An automatic dump is recommended to consistently decrease the overall compressor condensation rate. We offer two options: pneumatic (which dumps each time the compressor comes on) and electric (which is set via timer to drain at certain intervals).

PUMPS:

Setting pumps to their recommended optimal pressures is vital to pump lifespan and performance. Often, users will set the PSI too high in an attempt to increase the flow rate - but this will only damage the pump over time.

Recommended Pump Pressure Settings:

- New oil pumps: 40-80 PSI
- Grease pumps: 80-100 PSI
- Diaphragm pumps: 30-60 PSI

TPL Tip: Diaphragm pumps are not designed to operate a PSI's as high as new oil pumps. The average lifespan of a properly-maintained diaphragm pump is ~3 years.

Primary maintenance of these pumps include emptying the filters and lubricating the spool valve at least once a year.

REELS & HOSES:

Reel spools should turn smoothly and with tension upon removal and retraction of the hose.

- Inspect hoses daily for cracks, worn spots, leaks, splitting, or kinks; if found, the hose should be replaced immediately
- Check coupler fittings on each end of the hose for leaks
- Inspect swivel assembly inside the reel hub for leaks
- Lubricate latch pawls (including spring) monthly to ensure proper function

METERS:

All meters - whether mechanical or digital - require minimal but important maintenance.

- Remove the inline filter screen and remove any debris (at least once per year).

TPL Tip: If you notice a decreased flow rate, despite having set optimal compressor pressures, cleaning the filter at that point is the first step to diagnose decreased flow and/or volume.

For digital meters, having a set of replacement batteries is advised. The meter will flash for several days indicating low battery.

Part still not working properly?
Unsure if it needs repair or replacement?
Our in-house repair team can help.

Schedule a repair service today!
(704) 786-9400