

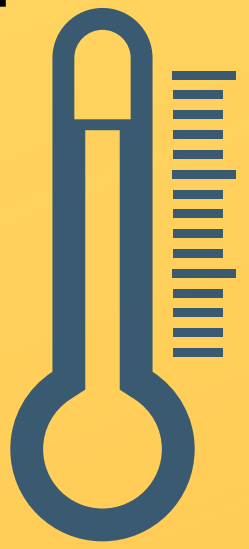
MAINTENANCE CHECKLIST

FOR ELECTRIC ROTARY SCREW COMPRESSORS

Here are some things you can do in between formal preventive maintenance (PM) visits on your electric screw compressor to extend compressor life and prevent downtime. Keeping an eye on these things will give you advance notice if you need service sooner than your next scheduled PM.

1 COMPRESSOR FLUID LEVEL

Most units have sight glasses to check fluid levels. Check level per manufacturer's instruction. Top off as needed, but do not overfill.

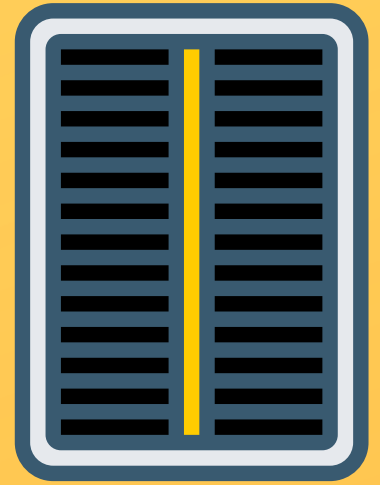


2 ROOM TEMPERATURE

Excess heat increases maintenance frequency. Mount a thermometer in the compressor room. Increase ventilation if room temperature exceeds operating limits.

3 INLET FILTERS

Inspect and remove/vacuum loose dust from inlet filters. Frequency depends on ambient dust load.



4 COOLERS

Inspect and vacuum ambient side of coolers. Frequency depends on ambient dust load.

5 COOLER PRE-FILTERS

If present, inspect and vacuum. Frequency depends on dust load.



6 CHECK BELTS/COUPLERS

Inspect belts/couplers for cracks or other signs of wear. Check belt tension monthly and adjust as needed.

7 GREASE MOTOR BEARINGS

Failing to keep motors properly greased can lead to motor failures.

8 ELECTRIC CABINET

Check the cabinet for dirt/dust and moisture. Vacuum dirt/dust. **DISCONNECT FROM POWER SOURCE BEFORE OPENING CABINET**



9 DRAIN TRAPS

If present, press the test button to confirm proper operation.

10 DUTY CYCLE

Keep an eye on running hours. Low load % can increase moisture build up in the compressor fluid.

