

Rotary Screw Maintenance Schedule

INTERVAL

ACTION

Daily
(8 hours maximum)



- Monitor all gauges and indicators for normal operation
- Check oil level
- Drain control line filter
- Observe for oil leaks
- Observe for unusual noise or vibration
- Fill out Daily Check List

Weekly
(40 hours)

- Check safety valve operation
- Drain any air receivers in system
- Drain water out of oil
- Check to make sure moisture separator is draining

Monthly
(160 Hours)

- Service air filter as needed (daily or weekly if extremely dirty conditions exist)
- Clean aftercooler and oil cooler fins (air-cooled only)
- Wipe entire unit down to maintain appearance

Every 3 months
(or 1000 Hours)

- Take synthetic oil sample
- Change compressor oil filter
- Change petroleum oil
- Go over unit and check all bolts for tightness
- Check full load amps
- Check all pressure settings

Yearly
(2000 Hours)



- Change oil separator every 4,000 – 6,000 hours with synthetic oil
- Change air filter
- Lubricate motors
- Check safety shutdown system
- Contact a Qualified Serviceman

Additional Parameters for Filter Changes

Normal Operating Temperatures

- Separator filters differential – 8 psi
- Oil filter differential – 10 psi
- Air filter – 14" of water column

- Oil inlet temperature - 140° to 170°F
- Air outlet temperature - 170° to 200°