

MCH 16 MAINTENANCE INFORMATION

To ensure proper operation of your compressor for years to come, there are certain preventative maintenance steps that must be taken. It is better to spend a little bit of time and money to maintain your compressor, than a lot of time and money fixing a compressor that wasn't maintained properly.

**Warranty may be void if it is determined inadequate maintenance was performed on the compressor. **

Maintenance parts and schedule:

Item	Description	Part Number	Frequency
Oil	Nuvair 455 Synthetic, food grade lubricant	Gallon: 9406	100 hours
Filter	Grade E breathing air filter	SC000440-MHC	24 hours*
	Industrial air		
Intake Filter	Compressor intake filter	SC000370	250 hours
500 Hour Service Kit	Includes: -Intake filter -2 nd & 3 rd stage valves, o-rings -Manual drain seats	6015	<u>Normal use:</u> 500 hours <u>Heavy use**:</u> 300 hours
1000 Hour Service Kit	Includes: -Intake filter -1 st , 2 nd & 3 rd stage valves, o-rings -Filter tower o-rings -Manual drain seats -Pressure relief valves	6016	<u>Normal Use:</u> 1000 hours <u>Heavy Use**:</u> 600 hours

Miscellaneous maintenance:

- Change break in oil at 25 hours before going to the 100 hour interval.
- Check fittings, tubes and hoses for air leaks and tighten if needed every 250 hours.
- Check motor and compressor mounting bolts for tightness every 250 hours.
- Check belt tension and wear every 200 hours.
- Check operation of pressure maintaining valve every 500 hours.

* Filter life varies based on ambient air temperature.

Celsius	Fahrenheit	Conversion Factor	Example: hours (e.g. 24 hours) x factor = actual hours
50	122	0.2	$24 \times 0.2 = 4.8$ hrs.
40	104	0.34	$24 \times 0.34 = 8.2$ hrs.
30	86	0.57	$24 \times 0.57 = 13.7$ hrs.
20	68	1	24
10	50	1.85	$24 \times 1.85 = 44.4$ hrs.
5	41	2.6	$24 \times 2.6 = 62.4$ hrs.
0	32	3.8	$24 \times 3.8 = 91.2$ hrs.
Thanks to Lawrence Factor for this information.			

** Heavy use is when the compressor is running constantly between 3500 and 5000 psi. or running for 1000 or more hours per year.