

Air Compressor Maintenance Checklist: Shop and Portable Service

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Compressor identity and hours

SERVICE DATE	SHOP OR LOCATION
UNIT OR ASSET NUMBER	MAKE
MODEL	SERIAL NUMBER
COMPRESSOR TYPE	LUBRICATION
DRIVE TYPE	TANK SIZE (GALLONS)
TANK MAWP / RATED PSI (NAMEPLATE)	HOURL-METER HOURS (IF EQUIPPED)
HOURS AT LAST SERVICE	NEXT DUE HOURS (FROM THIS OEM)
NEXT DUE DATE (FROM THIS OEM)	OIL SPEC (FROM THIS OEM, IF OIL-LUBRICATED)
OWNER OR DEPARTMENT	TECHNICIAN NAME

- ☐ Hour meter is present and readable on this unit.
- ☐ OEM schedule used for this serial (not a guessed federal interval).

Fluids and filters

Item	Done	Due	N/A	Notes
Crankcase or sump oil level	☐	☐	☐	
Oil condition (not milky or sludge)	☐	☐	☐	
Oil change due per THIS OEM	☐	☐	☐	
Oil filter	☐	☐	☐	
Air inlet filter inspect or clean	☐	☐	☐	
Air inlet filter replace	☐	☐	☐	
Air/lubricant separator (rotary screw)	☐	☐	☐	
Cooling fins, flywheel fan, and intake vents	☐	☐	☐	
Lubricant leaks at pump, filter, and lines	☐	☐	☐	
Used oil and filter collected for recycle	☐	☐	☐	

Tank, drain, and safety valve

Item	Done	Due	N/A	Notes
Receiver tank drained	☐	☐	☐	_____
Automatic drain or trap (if equipped)	☐	☐	☐	_____
Drain valve not clogged, then closed	☐	☐	☐	_____
Safety / relief valve ring test	☐	☐	☐	_____
No shutoff between tank and safety valve	☐	☐	☐	_____
Tank pressure gauge visible and working	☐	☐	☐	_____
Drain, handholes, and manholes accessible	☐	☐	☐	_____
Tank exterior: rust, dents, or leaks	☐	☐	☐	_____
ASME / MAWP nameplate readable	☐	☐	☐	_____
Tank warning-label retirement year (if labeled)	☐	☐	☐	_____

Belts, drive, and unloader

Item	Done	Due	N/A	Notes
Belt guard in place and secure	☐	☐	☐	_____
Drive belt condition	☐	☐	☐	_____
Belt tension per THIS OEM	☐	☐	☐	_____
Pulley, flywheel, and alignment	☐	☐	☐	_____
Unusual noise or vibration	☐	☐	☐	_____
Unloader / load-unload function	☐	☐	☐	_____
Drive and pump fasteners	☐	☐	☐	_____
Direct-drive coupling (if equipped)	☐	☐	☐	_____

Hoses, fittings, and leaks

Item	Done	Due	N/A	Notes
Air hose condition	☐	☐	☐	_____
Hose size and pressure rating vs OEM	☐	☐	☐	_____
Quick connects, couplers, and plugs	☐	☐	☐	_____
Fittings, joints, and pipe leaks	☐	☐	☐	_____
Regulator and outlet gauges	☐	☐	☐	_____
Filter, regulator, lubricator (if installed)	☐	☐	☐	_____
Drop legs and distribution drains	☐	☐	☐	_____

Hose whip control and bleed-down before disconnect

☐☐☐

Electrical, switch, and motor

Item	Done	Due	N/A	Notes
Power off, unplugged or locked out, tank bled	☐	☐	☐	_____
Cord, plug, and strain relief	☐	☐	☐	_____
Grounding and correct supply voltage	☐	☐	☐	_____
Extension cord (or none)	☐	☐	☐	_____
Pressure switch cut-in and cut-out	☐	☐	☐	_____
Motor amps at load (shop units)	☐	☐	☐	_____
Motor bearings per OEM	☐	☐	☐	_____
Protective covers and electrical enclosure	☐	☐	☐	_____
Clearance, ventilation, and flammables	☐	☐	☐	_____

Work performed and sign-off

WORK PERFORMED AND PARTS USED

ITEMS STILL DUE OR HELD

ACTION / RELEASE

HOURS AT SIGN-OFF (IF EQUIPPED)

NEXT DUE HOURS COPIED FROM THIS OEM

NEXT DUE DATE COPIED FROM THIS OEM

☐ Compressor is fit for the work that was due today, or it is tagged out as listed above.

TECHNICIAN SIGNATURE

TIME SIGNED

OWNER OR SUPERVISOR SIGNATURE

DATE SIGNED

OTHER COMMENTS

Reference only. Verify against the vehicle OEM procedure and applicable regulations.