

AIR COMPRESSOR TROUBLESHOOTING GUIDE

This convenient guide will help you determine what may be causing your air compressor problems.

Symptom:	Cause:
High Discharge Temperature	<ul style="list-style-type: none"> Low oil level Dirty heat exchanger Faulty thermal bypass valve Plugged oil filter Plugged air/oil separator Obstruction in oil system
Excessive Lubricant Consumption	<ul style="list-style-type: none"> Clogged separator scavenger line Incorrectly adjusted scavenger line Oil sump overfilled Oil foaming in sump
Premature Lubricant Breakdown	<ul style="list-style-type: none"> Compressor temperature too hot Ingestion of foreign substance through intake Excessive condensate in system Mixed oil types Incorrect oil additives
Increased Amp Draw	<ul style="list-style-type: none"> Plugged air/oil separator Airend bearings starting to fail Obstruction in air lines Obstruction in oil lines Dirty or spent lubricant
Decreased Discharge Pressure	<ul style="list-style-type: none"> Faulty inlet valve Plugged air/oil separator Plugged intake filter Excessive leaks in plant piping
Air/Oil Separator Collapse	<ul style="list-style-type: none"> Minimum pressure valve sticking Dirty or spent lubricant Faulty check valve Ingestion of foreign substance through intake
Compressor Shutting Down	<ul style="list-style-type: none"> High temperature High discharge pressure Low oil pressure Blown fuse Power failure