



Compressor Service & Sales, Inc

Tel: (909) 922-8999 or (714) 720-4458 E-Mail oilfreeservice@yahoo.com

SERVICE PROCEDURES

ROTARY SCREW AIR COMPRESSORS Annual Service

- ⇒ Change Oil with New Oil.
- ⇒ Inspect Discharge Air Temperature
- ⇒ Inspect Separator Differential Pressure prior to changing.
- ⇒ Replace Air Filter Element with New
- ⇒ Blow Off Air-cooled Aftercooler with Compressed Air.
- ⇒ Check for Any Air/Oil Leaks and Repair or Replace with Customers Approval.
- ⇒ Check and Tighten all Electrical Connections on Compressor.
- ⇒ Replace Oil Filter with New
- ⇒ Replace Separator Element with New.
- ⇒ Rebuild Unloader Valve
- ⇒ Inspect All Pressure Transducers and Hoses and Make Proper Recommendations.
- ⇒ Inspect Temperature Sensor
- ⇒ Check and Clean Separator Scavenge Screen & Orifice If Necessary
- ⇒ Record Motor Voltage and Amperage at Various Load Conditions.
- ⇒ Inspect Pulleys and Bearings For Wear (Bearings Are Sound Tested Only)
- ⇒ Check all Automatic Drains and Solenoid Valves for Proper Operation.
- ⇒ Check Gauges for Calibration and Working Condition.
- ⇒ Check Oil and After-cooler Cores.
- ⇒ Check Line Filter Indicator Dials, Replace Elements with Customer Approval.
- ⇒ Check Safety Valves to Make Sure They Operate per Manufacturers Specifications.
- ⇒ Lubricate Motor Bearings.
- ⇒ Inspect Shaft Seal Condition for Wear or Leaks and Make Recommendations.
- ⇒ Verify Differential Pressure Across the Separator Before and After Changing the Element.
- ⇒ Manually Drain Condensation Out of All Receivers and Tanks

Please be advised that any recommendations made or additional work required will not be performed by a CSSI employee without prior authorization from the company receiving the service.

NOTE!

NOTHING CONTAINED IN THIS SERVICE AGREEMENT SHALL BE INTERPRETED TO ALLEVIATE THE CUSTOMER OF OPERATING AND MAINTAINING THEIR EQUIPMENT ACCORDING TO THE MANUFACTURE'S OPERATORS MANUAL.

ALL MAKES ALL MODELS ALL OVER S. CALIFORNIA

Please Visit Our Web Site www.oilfreeservice.com



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SERVICE PROCEDURES

RECIPROCATING AIR COMPRESSORS

- ⇒ Check Low Oil Level Switch for Proper Adjustment and Adjust If Necessary.
- ⇒ Check All Bolts On Compressor Pump For Proper Torque And Torque If Necessary Back To Factory Specs.
- ⇒ Check First Stage Relief Valve for Proper Operation. Tested By Pulling Test Ring. If Valve Is Bad Service Tech. Is To Report This To Customer For Replacement Or Repair Per Customers Approval.
- ⇒ Check Intercooler for Leaks and/or Cracks. If Leaking Or Cracked Service Tech Is To Report This To Customer For Replacement Or Repair Per Customers Approval.
- ⇒ Check O-Ring on Oil Fill Plug. If Oil Fill Plug Is Leaking Report Bad O-Ring To Customer And Replace Per Customers Approval.
- ⇒ Check Inlet Air Element. If Plugged Replace.
- ⇒ Check Discharge Tube for Leaks. Repair or Replace Per Customers Approval.
- ⇒ Check Breather Tube for Leaks, Repair or Replace Per Customers Approval.
- ⇒ Check Oil Level Add and Change as Required.
- ⇒ Sound Test Bearing for Wear.
- ⇒ Grease Motor Bearings if needed.
- ⇒ Check Sheave and Pulley for Wear.
- ⇒ Check V-Belts for Wear. With The Approval of Customer replace if needed.
- ⇒ Drain Air Receiver and Check for Cracks or Leaks and Report Findings to Customer.
- ⇒ Check Pressure Switch for Proper Operation
- ⇒ Check Receiver Relief Valve for Proper Operation
- ⇒ Check Discharge Relief Valve for Proper Operation
- ⇒ Check Automatic Drain Valve for Proper Operation. Or clean if necessary.
- ⇒ Check Manuel Drain Valve for Proper Operation.
- ⇒ Check Discharge Ball Valve for Proper Operation.

REFRIGERATED AIR DRYER

- ⇒ Clean and Blow Out Condenser and Lubricate Fan Motors.
- ⇒ Check Dryer For Proper Operation.
- ⇒ Check High Evaporative Light and Clean Automatic Drain Valve.
- ⇒ Verify Discharge and Suction Pressures/Temperatures to Manufacturers Specs.
- ⇒ Visually Inspect Refrigeration System for Leaks.
- ⇒ Check Amp Draw on Each Leg of the Dryer and Tighten All Electrical Connections.
- ⇒ Wipe Down any Excessive Grease or Oils on Equipment.

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