

MAINTENANCE GUIDE **FOR RAM FLAT COMPACTOR**

EVERY 500 HOUR INSPECTION or ONCE A YEAR

1. All bolts, nuts and hydraulic fittings are to be checked to make sure they are tight.
2. Inspect hydraulic oil. Milky color due to water contamination or extremely dark color due to dirt will require the oil to be changed.
3. Make sure the bolt that holds the Compaction Head on the piston is tight. Also check the two ½-inch socket hex head bolts that hold the Drum Crushing adapter Plate to the Compaction Head.
4. Open Control Cabinet and tighten all Hydraulic or Pneumatic control connections.
5. Tighten all electrical connections and inspect the motor mount to the reservoir cover. The motor has sealed bearings, which do not require periodic maintenance. The pump and solenoid valve is self-lubricating.
6. The Hydraulic Cylinder should be secure to the machine so it is operating in a true vertical position.
7. Inspect the Hydraulic Cylinder for excess oil on the Piston Rod. This may indicate a need to change the O-rings and Bands.
8. For pneumatically controlled machines (55SC-P, 55LR-P, 55E-P, 55ER-P, 55A-P, 55AR-P or 85AR-P), fill the Lubricator cup located as part of the Filter-Regulator-Lubricator assembly inside the control cabinet. Use standard lightweight industrial grade lubricating oil.

2,000 HOUR INSPECTION or EVERY 2 YEARS

1. Replace the hydraulic oil and oil suction filter. Wet or humid conditions may require more frequent oil changes.

OVERALL MAINTENANCE NOTES

1. Most of your inspection is being done to make sure connections have not loosened due to general usage vibration.
2. If oil starts to leak around the bottom of the cylinder, replace O-Rings and Bands. Always replace the wiper seal at the same time. The wiper seal minimizes dirt getting into the hydraulic cylinder.
3. The **RAM FLAT Compactor** is designed to give you many years of service and you can extend that service by keeping the area inside the Control Cabinet and around the motor as clean as possible.

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