

Power Industrial Truck (P.I.T) Maintenance Checklist

1.) VISUAL INSPECTION

- Oil leaks
- Carriage
- Forks & locks
- Tires
- Tilt cylinder
- Lift cylinder
- Mast channels

2.) OPERATIONAL CHECKS

- Neutral start switch
- Instruments
- Brake pedal
- Parking brake
- Inching control
- Shift levers
- Steering
- Exhaust smoke
- Unusual noise
- Mast operation
- Tilt cylinder operation
- Lift cylinder operation
- Attachments

3.) AIR CLEAN ENTIRE UNIT

4.) ENGINE COMPARTMENT

- Drain oil
- Check induction system
- Check fuel lines
- Clean & check PVC valve
- Check belts condition & tension
- Check cooling system
- Change engine oil filter
- Install pan plug fill crankcase
- Check all fluid levels:
 - Hydraulic transmission
 - Standard transmission
 - Hydraulic oil
 - Master cylinder

- Adjust linkage on:
 - Parking brake
 - Inching pedal
 - Clutch pedal
 - Directional pedal-hydro
- Lube linkage on:
 - Accelerator pedal
 - Lift & tile control levers
 - Side panel or hood hinges
 - Battery bracket pivot
 - U joint

5.) ELECTRICAL SYSTEM – LP, GAS, DIESEL

- Check wire connections & conditions
- Check battery electrolyte

6.) ELECTRIC SYSTEM – ELECTRIC TRUCKS

- Battery connector condition
- Check brushes (500 hours)
- Traction motor
- Hydraulic pump motor
- Check wire connections
- Check connector points
- Check brake switch
- Check parking brake switch

7.) FUEL SYSTEM

- Adjust carburetor
- Check fuel system

8.) HYDRAULIC SYSTEM

- Check line leaks & condition
- Check control valve leaks

9.) LUBE ENTIRE UNIT

10.) ADDITIONAL SERVICE / NOTES

Inspector: _____ Date: _____