

FORKLIFT MAINTENANCE P.M.

(ALL FORKLIFTS – MOFFETS – PRINCETONS – LULLS – SKYTRAKS)

BRANCH: _____	VENDOR: _____
EQUIP. NO.: _____ MAKE: _____	SERIAL NO.: _____ P.O. NO.: _____ <small>(Last 6 digits)</small>
DATE: _____ HOUR METER: _____	TECHNICIAN: _____

B-PM due every 250 hours or every 90 days:	Repair Code:
1. Visual Safety Check: Inspect condition of the roll cage, load back rest, carriage, rollers, mast, chains, lift cylinders, tilt cylinders, forks, and tires for wear. Check for fluid leaks (coolant, oil, hydraulics).	<input type="checkbox"/> _____
2. Operational Safety Check: Record hour meeting reading, inspect seat, seat belts, steering wheel, gauges, lights, horn, controls, shift levers, neutral safety switch, back up alarm, and fire extinguisher. All forks and Moffett forklifts must also have a beacon light on at all times. Check parking brake + service brake operation. Check mast operation tilt + lift.	<input type="checkbox"/> _____
3. PM Service: *Drain and replace engine oil. Replace the engine oil filter, inspect the air intake system and check the air filter. (*Replace as needed). Check and clean the hydraulic tank breather, grease all fittings, clean and lubricate all lift chains, lube all linkage. Check and fill transmission and drive axle fluid levels and clean the breathers for the transmission and drive axel housing.	<input type="checkbox"/> _____
4. Engine check: Clean out radiator fins, check the radiator cap. *Pressure test cooling system for leaks, inspect all hoses for weakness, leaks, or chaffing. *Test and log coolant protection levels (must be -25° F). Check water pump for leaks and bearing play. Check all belt, L/P hoses, water hoses, vacuum hoses, and LPG connectors. Inspect fuel system & fuel tanks for leaks and mounting.	<input type="checkbox"/> _____
5. Electrical System Check: Clean the top of the battery. Remove, clean, and tighten battery cables, check cable connections and grounds. Check all control connections, solenoids, safety switches, parking/seat switches. Check alternator and starter mounting and connections, and check all gauges.	<input type="checkbox"/> _____
6. Brakes and Steering: Adjust the parking brake, inspect and adjust the service brakes, inspect all steering joints for excess play, check for leaks at the steering cylinders. *Raise the steering axel off the ground to grease and check the king pins and axel pivot bushings, and inspect wheel bearing play.	<input type="checkbox"/> _____
7. Hydraulic System Check: Inspect hoist, tilt, and power steering cylinders for leaks + operation. Check tilt cylinder rod end adjustment & for leaks. Check the hydraulic pump and steering pump for noise. Check all hoses, tubes, control valves for leaks or damage. Report or repair all leaks. Check all fluid levels.	<input type="checkbox"/> _____
8. Mast Carriage Check: Check and adjust the chain anchors, inspect the forks for bends, cracks, or burs. Check mast carriage rollers & side shifter pads. Lift chains must be adjusted so that the heel of the forks do not touch the ground with the mast tilted back (1" clearance under the heel of the forks tilted back).	<input type="checkbox"/> _____
9. PM Decal: Install a PM decal on the left side mast and print the date, hours, and vehicle number on the PM decal using a marker pen. Send a copy of this completed PM sheet to the Fleet Department with the vendor invoice.	<input type="checkbox"/> _____

C-PM due every 12 months or every 1,250 hours:	Repair code
1. C-PM includes a B-PM: complete all of the B-PM tasks along with the following annual tasks:	<input type="checkbox"/> _____
2. Load Test the Battery: After the battery has been cleaned during the B-PM, Load Test the battery to be sure it will hold 10.5 volts for 15 seconds with a load of 50% of the battery CCA rating.	<input type="checkbox"/> _____
3. Engine Tune Up: For L/P and gas engine; inspect the cap, rotor, plug wires, and spark plugs. Replace as needed. Check engine timing and idle RPM's. *Replace Fuel filters or L/P filters.	<input type="checkbox"/> _____
4. Transmission service: Drain and replace the transmission fluid and internal filters. Inspect all transmission hoses for leaks, cracks, or chaffing. Check inching pedal.	<input type="checkbox"/> _____
5. Hydraulic System: Drain and replace the hydraulic fluid and replace the hydraulic filter annually. Check all hydraulic hoses for leaking or chaffing	<input type="checkbox"/> _____
6. PM Decal: Update the pm decal on the left side mast using a marking pen. List C-PM with the date and hours on the PM decal.	<input type="checkbox"/> _____

Coolant Protection Level = _____ ° F

Repairs Needed: _____

KEY: X= O.K (in box) NA= Needs Attention (on line) RR= Replace or Repair (on line)