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6-Week (250-Hour) Forklift Maintenance Checklist

(for Internal Combustion Forklifts)

Date:

Unit Number:			
Forklift Make:			
Forklift Model:			
Forklift Serial Number:			
Hour Meter:			
Please con	sult the opera	G-8FGCU 15-32 internal combustion forklift operator's manual. It is not meant to tor's manual for your particular forklift before performing maintenance. Indicate the substitution of th	be exhaustive.
System	Action	Maintenance Item	Complete?
Engine, Transmission & Fuel System	Inspect Change Clean Measure	Oil leaks Starting condition and unusual noises PCV valve and piping for clogs and damage Fuel system for leaks Differential for oil level and leaks Torque converter and transmission for oil level, leaks, looseness, and function Control valve and clutch function Inching valve function Carburetor link mechanism Fuel filter element for clogs Engine oil and filter (if new). If old, check oil filter for clogging Air filter Engine rotating condition during idling & acceleration Engine valve clearance Governor for maximum no-load stabilized rotation speed	
Exhaust & Cooling Systems	Inspect Measure	Radiator coolant level and for leaks Coolant hoses for wear/damage Radiator cap condition Fan belt tension and for damage Exhaust system for operation, leaks, and damage Carbon monoxide concentration in exhaust gas	
Wheels & Axles	Inspect	Tire air pressure Tires for damage, debris, wear, and tread depth Rim and side ring for damage Front and rear wheel bearings for noise and looseness Rear axle beam for looseness Hub nuts for looseness	
Steering & Brakes	Inspect	Steering wheel for functionality and play Steering valve for leakage Power steering for oil leakage Power steering mounting and linkage for looseness King pin for looseness Brake fluid level Braking operation Parking brake function and operating force Parking brake linkage and cable for looseness and damage Brake pipe and hose for leakage and damage Steering valve mounting for looseness	

Brake pedal play and reserve

	weasure	Clearance between the brake drum and lining	
		Forks and stopper pin for wear/damage	
		Left and right forks for uniformity	
	Inspect	Mast and lift bracket for cracked welds, looseness, and damage	
		Mast rollers for wear and damage	
Forks, Attachment, Mast &		Mast strip for wear and damage	
Chains		Chain tension and for damage	
		Chain anchor bolt condition	
		Chain wheel for operation and wear	
		Attachment for abnormalities and mounting condition	
		Lifting chains	
	Replace	Hydraulic oil return filter (for new trucks)	
	Replace	Hydraulic cylinder rod, rod screw and rod end for damage	
	Inspect	Overall hydraulic system operation	
		Hydraulic cylinders for leaks and damage	
		Hydraulic pin and cylinder shaft support for damage	
Hydraulics (Cylinders, Pump, Control Valve & Levers)		Hydraulic cylinder for uneven movement	
		Oil pump for leakage and strange noises	
		Hydraulic tank oil level, and for leaks and contamination	
		Control lever linkage for looseness	
		Control lever operation	
		Oil control valve for leaks	
		Oil control relief valve and tilt lock valve operation	
		Oil pressure piping for leakage, damage, and linkage for looseness	
		Hydraulic cylinder mounting and check for damage and looseness	
	Measure	Lifting speed	
	Weasure	Hydraulic cylinder natural drop and forward tilt	
		Distributor cap for cracking	
		Spark plug gap and for signs of burning	
		Distributor side terminal for burning	
Electrical System (Ignition,	Im	Distributor cap center piece for damage	
Starter, Wiring)	Inspect	Starter pinion gear meshing	
, 3,		Battery electrolyte level (if battery isn't maintenance-free)	
		Electrical wiring harness for damage	
		Fuses	
		Overhead guard for cracked welds, damage, and deformation	
		Load backrest for damage, deformation, and looseness	
		All lights for operation and mounting condition	
		Horn for operation and mounting condition	
		Directional indicators (if equipped) for operation and mounting	
		Instruments for operation	
	Inchect	Back-up buzzer (if equipped) for operation and mounting	
Safety Devices	Inspect		
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Safety Devices	Inspect	Operator presence sensing system (OPSS) for function	
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Safety Devices	Inspect	Operator presence sensing system (OPSS) for function Seat mounting for looseness and damage Seat switch for operation	
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