

LPG/Diesel Forklift Maintenance Checklist

Date: _____ RO # _____
Tech: _____ Unit # _____

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Customer Name: _____ Model #: _____ Hour Mtr: _____
Address: _____ Serial #: _____ Make: _____

Visual Inspection	Cond	Steering	Cond	Fuel System	Cond
Oil/Coolant Leaks		Inspect Steering Cylinder for Leaks		Check LP Tank, Hoses & Fittings	
Carriage, Mast & LBR Assembly		Inspect Gear Box & Steer Column		Drain LPG Regulator	
Forks and Fork Pins		Check King Pins & Spindles		Check LP System for Leaks	
Mast Chains, Rollers & Hoses		Test Steer Wheel Bearings		Check LPG Lockoff Operation	
Tire & Wheel Condition		Check Steer Axle Mounts & Stops		Check Carburetor & Linkages	
Seat & Seatbelt Condition		Check Steering Tie Rods & Pins		Check Throttle Pedal Linkages/Cable	
Decals & Capacity Plates		Check Steer Wheel Bearings		Check Governor for Proper Operation	
Overhead Guard Condition		Inspect Steer Wheel Lug Nuts/Rim/Cap		Change Diesel Fuel Filters	
Check Cylinders for Leaks		Check Steering Hoses at Cylinder & Box		Drain Water Separator/Sediment Filter	
Engine Compartment	Cond	Differential & Transmission	Cond	Final Inspection	Cond
Blow Out Engine Compartment		Check Fluid Levels & Condition		Test Horn Operation	
Check Condition of Air Filter		Check for Abnormal Noise		Does Back Up Alarm Sound in Reverse	
Change Engine Oil & Filter		Check Drive Wheel Bearings & Lug Nuts		Test Brake Lights/Turn Signals/BU Lights	
Check Hood Latch, Hinges & Hood Strut		Check Mounts & Bolts		Test Strobe Light for Proper Operation	
Inspect Air Intake Hoses & Clamps		Check for Leaks		Test Seat Belt	
Check Ring Gear Condition		Check Drive Shaft & U-Joints		Test Operator Presence System	
Check Hood Insulation & Hood Condition		Check Shift Lever Linkage/Cables		Check All Work Lights	
Engine Noise/Smoke/Idle RPM's		Replace Fluid & Filters per OEM Spec		Test Both Service & Parking Brake	
Exhaust System/Muffler/Catalyst				Test Forward & Reverse Travel	
Check for Engine Oil Leaks				Test All Hydraulic Functions	
Check Vacuum Lines/PCV Valve				Test Seat Belt Alarm	
Electrical Inspection	Cond	Ignition System	Cond	Wipe Down Forklift, Dash Area	
Check Headlights, Strobe, Taillights		Test Ignition Switch		Install PM Sticker	
Clean Battery Terminals/Load Test		Check Coil/Coil Packs			
Inspect Wire Harness/Connections		Check Distributor Cap & Rotor			
Check Neutral Safety Switch		Check Spark Plug Condition & Wires			
Check All Gauges & Hour Meter					
Condition of Fuse Panel/Relay Box					
Inspect Alternator/Record Voltage					
Hydraulic Inspection	Cond	Mast & Carriage	Cond		
Inspect Fluid Level & Quality		Check Lift Chains & Anchors			
Inspect Pump/Control Valve		Check Cylinders for Leaks			
Check Hydraulic Valve Levers		Check Cylinder Brackets			
Check Pump Drive Shaft & U-Joints		Check Hose Pulleys & Chain/Hose Guards			
Remove & Clean/Replace Tank Breather		Check Tilt Cylinder Mounts & Pins			
Inspect All Hoses & Fittings		Check Trunion Bushings/Mounts			
Inspect Cylinders for Leaks		Check Forks, Pins & Carriage Condition			
		Check Hoses for Leaks			
		Check Mast Shims & Side Play			
		Check Carriage & Mast Rollers			
		Check Mast Rails for Wear			
		Check Side Shift Bushings			
Brakes	Cond	Cooling System	Cond		
Check Fluid Level & Quality		Blow Out Radiator			
Test PB Operation, Check Cables		Coolant Level, Condition & Leaks			
Test Service Brake Operation		Check Radiator Condition & Shroud			
Check Pedal Pads & Inching Pedal Cables		Check Water Pump for Leaks & Play			
Check Wheels & Cylinder for Leaks		Check Belt Condition & Tension			
Check Brake/Inching Pedal Linkage		Check Fan Blade Condition			
Check Brake/Inching Pedal Free Play		Coolant Good To: _____ °F			

Notes:

Equipment Condition: 1 = OK 2 = Adjusted 3 = Recommend Repairs 4 = Requires Immediate Repairs 5 = Unsafe Condition Present

Recommended Repairs:

Customer Signature: _____