POWERPRO | FIRE PUMP SERVICES

Fire Pumps - Control Panels - Laser Alignment - Engine Maintenance Specialists Pump Calibration Digital Flow Metering - Consultancy & Arbitration

Head Office (& Midland Region) Tel: 01922 454585 Fax: 01922 454586

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DIESEL PUMP MAINTENANCE RECORD

CUSTOMER _____ LOCATION _____

MANUFACTURER _____ PUMP NO. _____ PUMP TYPE _____

PLANT NO. _____ ENGINE TYPE _____ ENGINE NO. _____

RATING _____ HOURS RECORDED _____ ENGINEER _____

WORK CARRIED OUT AT MAJOR / MINOR			TICK ✔
LUBRICATION SYSTEM	Change	- engine oil and filters	
	Check	- engine for oil leaks	
	Check	- operation of lubricating oil heater if fitted	
	Record	- oil pressure psi rpm	
FUEL SYSTEM	Drain	- sediment from fuel tank	
	Check	- fuel tank breather	
	Clean	- out water & sediment traps	
	Change	- fuel filters	
	Check	- fuel system pipes & unions for leaks	
	Check	- operation of engine governor & stop controls	
	Check	- operation of fuel system priming pump	
	Check	- injectors	
COOLING SYSTEM (where applicable)	Check	- coolant level	
	Check	- for coolant leaks	
	Check	- condition of hoses & clips	
	Check	- condition of fan belts & adjust if required	
	Check	- water pump and lubricate	
	Check	- and lubricate fan hubs & idlers	
	Check	- condition of radiator / weir tank	
	Check	- radiator fins as necessary	
	Check	- condition of radiator ducting & trunking	
	Check	- operation of ventilation automatic louvres	
	Record	- engine cooling system temperature	
AIR INTAKE SYSTEM	Clean	- or change air filter element	
	Clean	- & check air cleaner & piping for damage	
	Check	- turbocharger operation & condition	
	Check	- inlet manifold and gaskets	
	Check	- & tighten turbocharger outlet hose clips	
EXHAUST SYSTEM		- Tighten manifold nuts & cap screws	
		- Tighten turbocharger mounting nuts	
	Check	- for leaks & signs of blowing	
	Check	- condition of silencer & piping	
	Drain	- moisture trap in exhaust pipe	

WORK CARRIED OUT AT MAJOR / MINOR			TICK ✔
ENGINE ELECTRICAL SYSTEM	Check	- battery electrolyte level & specific gravity	
	Check	- condition of charging system	
	Record	- charging rate amps	
	Check	- operation of starting system	
	Check	- condition of wiring and connections	
GENERAL MAINTENANCE	Check	- Mountings and Bolts	
	Check	- & adjust engine valve clearances	
	Check	- & clean engine crankcase breather	
	Check	- engine vibration damper	
	Lubricate	- all engine linkages	
CONTROL PANEL & INSTRUMENTS	Check	- panel exterior for damage	
	Check	- warning lights for operation	
	Check	- operation of gauges and instruments	
	Check	- operation of switches	
PUMPS & VALVES		- Carry out full load test on pump set, minimum run time 30 mins:-	
		- Record flows	
		- Record pressure	
		- Confirm:-	
		- Pump starts at nominated starting pressure	
		- Pump relief time operates	
		- Pump gland & drain operates under load & churning	
		- All pump alarms operate	
		- No out of balance evident	
		- Engine stop mechanism returns to start position	
		- Pump set returned to Auto operation	
PACKING RINGS REPLACED -			

SERVICE ENGINEER'S COMMENTS

Customer's Signature _____ Date _____