



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00382

Model No: PTD SERIES

Plant Name: CROMMELINS/SUBARU DIESEL TRASH PUMPS

Manufacturer: Crommelins Machinery WA

Manufacturer's Website: www.crommelins.com.au

Web Link for Plant: www.crommelins.com.au

Potential noise level in dB: 95 to less than 100

Required hearing protection class: 3

Mandatory Personal Protective Equipment:



THE CROMMELIN GROUP



Foot Protection



Hearing and Eye Protection



Protective Clothing

RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Explosion or fire from fuel vapours	Medium	<ul style="list-style-type: none"> Stop the engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while servicing or refuelling this machine.
Exposure to ultraviolet radiation if working outdoors.	Medium	<ul style="list-style-type: none"> Wear sunscreen, hat, long sleeves and long trousers.
Hearing damage from excessive noise.	Medium/Low	<ul style="list-style-type: none"> Hearing protection with a rating of 20db or more must be worn.
Manual handling hazard.	Medium/Low	<ul style="list-style-type: none"> Use two people to lift. Do not attempt to lift by one person if weight exceeds 20kg.
Coming into contact with moving parts.	Low	<ul style="list-style-type: none"> All moving parts are shielded. Do not remove guards or covers.

Customer Identified Hazard(s)

Key Operating Instructions

CONNECT SUCTION HOSE - Use a reinforced-wall or wire braided hose to prevent suction collapse. Since the pump self-priming time is directly proportional to hose length, a short hose is recommended. Always use a strainer with the suction hose as this will prevent large pieces of gravel or debris being sucked into the pump which will cause serious damage to the impeller and the pump casing.

CONNECT DELIVERY HOSE - When using a fabric hose, always use a hose band to prevent the hose from disconnecting under high pressure.

CHECK PRIMING WATER - It is recommended that the water chamber of pump casing should be primed full of water before operating. Always ensure end of suction hose is completely submerged in water before starting engine.

FUEL - Use diesel ONLY.

STARTING ENGINE - Open the fuel valve. Set the speed control lever at the START position (HIGH SPEED). Recoil start - pull the starter handle slowly until passing the compression point (resistance will be felt), then return the handle to its original position and pull briskly. Do not pull out the rope all the way. After engine starts, allow the starter handle to return to its original position while still holding the handle. Electric start - turn key to start engine, after the engine starts, warm up the engine without load for 2 to 3 minutes.

RUNNING ENGINE - after the engine starts, set the speed control lever at the low speed position and warm it up without load for a few minutes, once warm gradually move speed control lever toward the high speed position and set at the required engine speed.

STOPPING ENGINE - set the speed control lever at the low speed position and allow the engine to run at low speed for 2 or 3 minutes before stopping. Close the fuel valve.

Please refer to the User Guide and Operator's Manual for Operating Instructions.

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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