



SOCOTEC

Plant Inspection

Date: 23/04/2019

Yanmar Medium Weight Rubber Tracked CPT Crawler

Operator: Daniel Bowns

Signed: db

Item	Detail	Remarks	Status
Crawler undercarriage			
Chassis general	Visual inspection for damage, rusting,etc	Checked - General wear, drivers cab footwell repaired	OK
Tracks, guide and drive wheels	Visual inspection for damage, tension, etc	Checked - surface wear and scoring noted	OK
	Grease points	Checked	OK
Engine and hydraulics			
	Visual inspection for damage, leaks, etc (stationary)	Checked	OK
Fuel	Level (Diesel)	Checked - half tank	OK
	Filter	Changed at recent service	OK
Oil	Level (Dipstick)	Checked	OK
	Filter	Changed at recent service	OK
Coolant	Level	Checked	OK
Hydraulic fluid	Level	Checked	OK
	Filter	Changed at recent service	OK
Battery	Voltage check (24V)	Checked - 1 new battery	OK
	Visual inspection (incl connections)	Checked	OK
Engine controls (cab)	Ignition switch and key	Checked - isolator in engine bay	OK
	Throttle, start/stop	Checked	OK
Engine start	Start and run engine	Checked	OK
	Visual inspection for vibration, fluid and exhaust leaks, noise, etc	Checked	OK
Emergency STOP's	Fitted in cab and front (bumper) of machine	Checked	OK
Tracking controls (cab)	Forward, reverse, slew right and left	Checked	OK
Hydraulic power pack - engine			
	Hatz 1D81C	Reconditioned complete power pack fitted July 2016	
	Visual inspection (stationary)	Checked	OK
Fuel	Level (Diesel)	Checked	OK
	Filter	Checked	OK
	Visual inspection of tank and hoses for damage, leaks, etc	Checked	OK
Oil	Level (Dipstick)	Checked	OK
	Filter		
Battery	Voltage check (12V)	Checked	OK
	Visual inspection (incl connections)	Checked	OK
Engine controls	Ignition switch and key	Checked - increase throttle	OK
	Throttle, start/stop	Checked	OK
Engine start	Start and run engine	Checked	OK
	Visual inspection for vibration, fluid and exhaust leaks, noise, etc	Whine to be investigated / monitored	OK
Hydraulic power pack - pump (incl hoses)			
Oil	Level (sight glass) Use biodegradable PlantoHyd 46-S only	Checked	OK
	Visual inspection of pump and hoses (stationary)	Checked	OK
Pressure and flow rate	Ram operation (up/down, fast/slow)	Checked	OK
	Visual inspection of pump and hoses for leaks when running	Checked	OK
CPT equipment (fitted)			
CPT rams	Gouda	300kN	
	Visual inspection for damage, rusting,etc	Checked	OK
	Up/down operation	Checked	OK
Clamps	3655 push/pull clamps	Checked	OK
	Ball cone clamp	None fitted	OK
	Depth encoder	Checked	OK
CPT equipment (additional)			
Rods & Casing	Rod rack	3 sections	OK
	36 mm CPT rods	20 m	OK
	Rod wipers	1 fitted plus spares	OK
Other facilities			
Fire extinguisher	Not available	Purchase prior to contract	
Spill kit	Not available	Purchase prior to contract	
First aid kit	Not available	Purchase prior to contract	
Lighting	LED & Amber Beacons	All operational	OK