

Location: Site Extractions
Cresskill, PA

TRUCK AND EQUIPMENT CONSULTING LLC - WHEEL EXCAVATOR CHECKLIST

Date: 5/24/2018

Inspector: JP

Basic Information	
Manufacturer	Value
Model Number	EM90D
Serial Number	VG0W180000020148
Year of Manufacturing	2013
Hour Meter	4024 HRS
Engine Model	Volvo DE 9 730P 3.5, 9 Turbo Diesel
Transmission	3 Speed Powershift
Hydraulic Relief/Pressure Setting (psi)	3420 psi
Hydraulic Capacity (Tank/System)	633 gal / 78 gal

Specification and Dimensions	
Single Pallet Frame Installation	VG0W180000020148
Max Lift Capacity	17,024 lbs
Tires	6.00 - 20.5
Window Venting / Air Conditioning	A/C Climate Control
Steer	Manual Steer 17.5T 1 Inch
Arm	No
Capacities	Eng Oil 5.8 gal / Coolant 5.7 gal
Chargers / Brake Wash	Yes Front + Rear / No Wash
Other	Rear View Camera, Front Wash/Water Drive
Attachment	Maintenance 360/360 Swing Shear
Attachment Serial Number	14028

- A (Near to Brand New or Excellent Condition)
 B (A Little Wear and Good Condition)
 C (Fair Workable Condition for Hour Meter Reading)
 D (Workable but minor repair is required)
 E (Workable but major repair is required)

	Check List	A	B	C	D	E	(Remarks)	
GENERAL APPEARANCE	General Appearance (Front)	X					Local Steer, No damage seen, Good Steer/Attachment Appearance	
	General Appearance (Rear)	X					Some minor surface scratches on undercarriage, Good Appearance	
	General Appearance (Right)	X	X				Good Appearance - 1 Side Cuddy Door detached, <u>Good under average</u>	
	General Appearance (Left)	X					Good Above Average 1 Tender has spider web crack on surface	
	General Appearance (Clean)	X					Good appearance No damage seen	
	Wiper / Mirror Surface (Real)	X					No rust issues No rust seen	
	Body Panels / Doors - Rust (Damage / Cracks)	X	X				Overall Good - 1 side cuddy door off - New door on order	
	Visible Weld Repairs / Stress Cracks	X					None	
	Steel Condition	X					Good Steel	
	Chassis / Undercarriage (Damage)	X					No damage or issues seen	
	Operator Cab	X					Dummy Solid Floor, Good undercarriage Condition - Good condition	
	Operator Controls and Switches	X					Complete Good Appearance and Function	
	Hour Meter Activity	X					Working	
OPERATOR'S COCKPIT	Other Gauge Activity	X					Overall Good Condition	
	Door / Damage Latches	X					Door latches good	
	Buttons / Switches	X					A/C + Hour Gauge Control working	
	Safety - Horn / First Aid Kit	X					Working	
	Operator Seat Condition	X					Good Seat Condition	
	Safety - Seat Belts / Fire Extinguisher	X					Yes	
	ENGINE	Oil Color / Fluid Appearance / Penetration or Granularity	X					Good appearance
		Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down	X					Easy start Smooth Idle No unusual noises
		Engine Exhaust Color - White / Blue / Black / Clear	X					Clear at start to Clear at operating temp
		Oil Leaks	X					None seen
		Engine Smoke Upon Startup / Upon Idle / Upon Shut Down	X					Clear at start to clear at operating temp
		Contact Color / Fluid Appearance	X					Good appearance
		Water Pump Noises / Damp Hoses / Coolant Leaks	X					Hoses - Lines Good Appearance
Contact Leaks from Reflector		X					None seen	
Overall Engine Appearance (Wet / Dry / Oil)		X					Clean and Dry	
Overall appearance of Hydraulic lines/Hoses - seen/checked		X					Overall Above Average Appearance	
HYDRAULICS OVERALL	Hydraulic Pump Sounds / Noises	X					No Unusual Sounds or guffing noises	
	Rat or Damo Hydraulic Lines and fittings / Fluid leaks	X	X				Overall Good - fittings Good Appearance, a couple small hose abrasions	
	External Controls / Levers Condition	X					Good Function	
	Hydraulic Service Records / Maintenance History	X					Next Service Due at 4000 HRS	

Link 6/1/18

ok scan

ELECTRICAL	Lighting System Condition					Colored Signal Lights Working/White Lights Top of cab lights Not working
	Warning Alarm / Service Signal					Working
	Battery Condition					Good appearance
	Other Remarks					Rear View Camera Working
DRUM TABLE	Load Bearing Condition					Good Function No tearing noise No grinding noise
	Load Motor Condition					Good Motor performance both directions
	Load Limit Condition					Good appearance
	Other Remarks					Rear Table and table rolls Good condition
TRANSMISSION	Shift Valve / Function					Good Function Forward and Reverse
	Transmission Noise / Function					No unusual noise
	Shift Lever Condition & Function					Good
	Other Remarks					
HYDRAULICS CYLINDERS	BOOM	Oil Leak from Cylinder				Overall Above Average Appearance
		Mounting Pin Condition				Overall Good appearance
	STICK	Oil Leak from Cylinder				OK
		Mounting Pin Condition				OK
	Outriggers	Oil Leak from Cylinder				No visible cylinder leaks seen
		Mounting Pin Condition				Overall Good appearance
		Other Remarks				44 Outriggers Good Function - 1 outrigger bent edges
CRANKER / WHEEL ASSEMBLIES	Function / Boom / Arm Function / Noise					Good condition No unusual noise or vibrations
	Operation Noise / Squeaking / Vibrations					Good appearance No cracking or unusual noise
	LEFT FRONT Tire (Pressure/Condition)					43 LF TIRE = W400L = G Some Chips and Normal Tread Wear
	RIGHT FRONT Tire (Pressure/Condition)					43 RF TIRE = W400L = G Some Chips and Normal Tread Wear
	LEFT REAR Tire (Pressure/Condition)					41 LR TIRE = W400L = G Good Appearance Good Tread
	RIGHT REAR Tire (Pressure/Condition)					42 RR TIRE = W400L = G Good Appearance Good Tread
BRAKES	DIFFERENTIAL-TRANSFER (AIR)					OK No leaks seen
	Front Brake					Brakes Good Function
	Rear Brake					Good
	Parking Brake					Good
UNDERCARRIAGE APPARATUS	Front Frame and Chassis					Good appearance No damage seen
	Rear Frame and Chassis					Good appearance No damage seen
	Bottom Chassis Panel Appearance					Good appearance No damage seen
	Other OUTRIGGERS					1 Front outrigger cylinder - Rig wear - not damaged - OK OK
OPERATION	FORWARD & REVERSE					Good
	DRUM TABLE ROTATION					Good
	BOOM LEFT / ANGLE / TILT					Good
	OVERALL FUNCTIONALITY					Good Functionality Demonstrated
RATINGS	OVERALL VISUAL INSPECTION					Good Appearance & meets minor cosmetic inputs only
	COMMENTS					No Damage No rust Some Minor scuffing
	OVERALL PERFORMANCE INSPECTION					Good Performance Start/Stop/Smooth/Idle Good Steering/Brakes
	COMMENTS					Good Performance and Good Functionality

DIMENSIONS (Shipping Ref Only)

Length: 39.2 Ft
 Width: 8.25 Ft
 Height: 10.5 Ft
 Weight: 42,000 lbs (w/out attachment)

44 Remaining Ratio: 90% or more
 43 Remaining Ratio: 70% or more
 42 Remaining Ratio: 50% or more
 41 Remaining Ratio: 20% or more
 40 Remaining Ratio: 30% or less

initial
7-9-18