

Location: Austin Underground
Jonestown TX

Truck and Equipment Consulting, LLC – MOTORGRADER CHECKLIST

Date (Y/M/D) 6/24/2022
 Inspector Initials E.C.

(Basic Information)	
(Manufacturer)	Noram
(Model Number)	65E Turbo
(Serial Number)	65ET-10224
(Year of Manufacturing)	2017
(Hour Meter Reading)	1005.8 Hrs
(Transmission)	Powershift 6 FWRD + 2 REVERSE
(Engine Model)	Cummins QSF3.8 3.8L 14 120HP TurboD
(Operating Weight)	16,900 lbs (w/out scarifer)

Specification and Dimensions	
Serial Plate/ Frame Inscription	65ET-10224
Cabin • Canopy (Circle)	Cabin w/ A/C (working) + Heat (working)
EPA Certificate / Permits Posted	EROPS / EFOPS
Side Shift	Yes
Circle Gear	53 inch diameter
Moldboard (width x height)	10 ft width / 21 inch height
Hydraulic Relief	1850 psi
Tires	Contractor AWD 15.00 x 19.5 8PR
Ripper	Front Mount 9 slot
Pushblock	no
Other	Work Lights

- 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)						(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)	X	X				Good Appearance, Level Stance, No damage, Dried seepage front ripper
	(General Appearance-Rear)	X					Good grille and panel fitment, Good Appearance, No damage
	(General Appearance-Right)	X					Good panels+frame rails, No damage, good panel gaps
	(General Appearance-Left)	X					Good panels+frame rails, No damage, good panel gaps
	(General Appearance-Upper)	X					Cabin Frame and Structure Good Appearance No Rust damage seen
	(Major / Minor Surface Rust)	X					No Rust Damage No Rust issues seen
	(Circle Gear Appearance)	X					Good appearance of circle gear teeth+hydraulics No damage
	(Body Panel Rust Damage / Cancer)	X					No Body Panel Damage, No Rust Cancer
	(Visible Weld Repairs / Stress Cracks)	X					No Weld or Patch Repairs Seen
	(Glass Condition)	X					Good glass No damage
OPERATOR'S COCKPIT	(Chassis / Undercarriage Damage)	X					Good Chassis and Frame Appearance No damage or panel separation
	(Operator Cabin)	X					No damage, Complete, Solid Floors, Good Interior Panels
	(Operator Controls and Switches)	X					Switches and Operator Controls Complete and Good Functionality
	(Hour Meter Activity)	X					Working
	(Other Gauge Activity)	X					Working
	(Door / Canopy Latches)	X					Good condition
	(Safety - Horn / First Aid Kit)	X					Working
	(Operator Seat Condition)	X					Good Condition
	(Safety - Seat Belts / Fire Extinguisher)	X					Yes
	ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)	X				
(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X					Easy start up, Smooth Idle, No unusual noises
(Engine Exhaust Color - White / Blue / Black / Clear)		X					Clear
(Oil Leaks)		X					No active engine oil leaks seen Some dried dirt + dust only
(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X					No smoke issues
(Coolant Color / Fluid Appearance)		X					Good color and appearance
(Water Pump Noises / Damp Hoses / Coolant Leaks)		X					No coolant leaks seen No unusual noises or squeaking
(Coolant Leaks from Radiator)		X					None seen
(Overall Engine Appearance Clean / Wet / Dry / Other)		X					Dry No damage No rust No dried seepage Some dust+dirt only
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)	X					Hydraulic lines and fittings Good appearance No cracks or excess wear
	(Hydraulic Pump Sounds / Noises)	X					No pressure clicking noises No unusual sounds
	(Wet or Damp hydraulic lines and fittings / fluid leaks)	X	X				Some dried seepage seen Inner + lower hydraulic hoses
	(External Controls / Levers Condition)	X					Levers complete and good function
	(Hydraulics Service Records / Maintenance History)						not provided

ELECTRICAL	(Lighting System Condition)		X				Working
	(Reverse Alarm / Backup Signal)						N/A
	(Battery Condition)		X	X			Batteries required charging
	(Other Electric Device Condition)						
B R A K E S	(Foot Brake)		X				Brake Good Function
	(Inching Brake Functional & Working Condition)		X				Good
	(Parking Brake)		X				Working
	(Other Remarks)		X				Good Brake Function
TRANSMISSION	(Clutch Noise / Function)		X				No unusual noise Good Hydrostatic Function
	(Transmission Noise / Function)		X				Good Forward and Reverse No unusual noises
	(Shift Lever Condition & Function)		X				Good Shifter Function
	(Other Remarks)						Good Transmission Performance
HYDRAULICS CYLINDERS	(Blade Lift)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X				Good appearance No dried seepage or discoloration seen
	(Scarifier Lift)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X	X			Some dried seepage and discoloration seen
AND	(Blade Side)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X				Good appearance No dried seepage or discoloration seen
PINS	(Articulate Cylinder)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X				Good appearance No dried seepage or discoloration seen
	(Leaning Cylinder)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X				Good appearance No dried seepage or discoloration seen
	(Circle Center Shift)	(Oil Leak from Cylinder)	X				Clean piston Good appearance No rust pitting No discoloration
		(Mounting Pin Condition)	X				Good appearance No dried seepage or discoloration seen
(Other)	(Other Remarks)	X	X			Some dried seepage and discoloration seen inner + lower hydraulics	
WHEEL / TIRES	Wheel / Tires	FRONT					Good / Above Average = B
		LEFT	X				Good / Above Average = B/B-
		REAR					Good / Above Average = B
		RIGHT X 2	X				Good / Above Average = B
		LEFT X 2	X				Good / Above Average = B
Other Comments			X				No sidewall splits No cracks No damage 1 tire some tread cracks
B L A D E / SCARIFER	(Blade Edge)		X				Good blade edge No chips No cracks No damage
	(Cutting Angle)		X				Good Angle Movement and Alignment
	(Circle Gear Connection)		X				Good Control and Function of blade
	(Scarifer)		X	X			Good Working Condition - end shank tip broken off

OVERALL EXTERIOR RATING: B QUALITY: B/B-
OVERALL INTERIOR RATING: B SAFETY: B
OVERALL PERFORMANCE: B FUNCTIONALITY: B
OVERALL GRADE EVALUATION: B / B-
FLUID SAMPLE REQUEST (Y/N) n OIL n COOLANT n

DIMENSIONS: (shipping reff only)

Length: 21 Ft 11 in
Width: 7 Ft 8 in
Height: 9 Ft 10 in
Weight: 16,900 lbs (w/out scarifer)

use (A)90% to (E) 20%