DIESEL SERVICES OF AMERICA

VISUAL ENGINE INSPECTION REPORT

DATE: 10/29/2026 **TECHNICIAN:** RAMONE RIVERA

PURCHASER	ZAYN BERLIN		**VESSEL NAME**	WEGU THE GREAT
ADDRESS	1648 SW 28TH AVE		**BUILDER/YEAR**	2023 RIVA
FT. LAUDERDALE, FL 33312			**LOCATION**	FT. LAUDERDALE, FL
PHONE	954-892-8504		**HIN**	XFARRD25I223
EMAIL	zaynberlin@gmail.com		**SELLER**	

IDENTIFICATION AND COLD CHECK INFORMATION

	PORT	STARBOARD
ENGINE MANUFACTURER	VOLVO	VOLVO
ENGINE MODEL NO.	D13C2B MP	D13C2B MP
ENGINE SERIAL NO.	20132184447	20132184524
ENGINE HOURS	86.8	86.2
TRANSMISSION MODEL	ZF500-1IV	ZF500-1IV
TRANSMISSION SERIAL NO.	30091975	30082418
TRANSMISSION RATIO	1.964	1.964

FLUID SYSTEM CHECKS

	PORT	STARBOARD
COOLANT LEVEL & CONDITION	SEE REPORT	SEE REPORT
ENGINE OIL LEVEL	FULL	FULL
ENGINE OIL CONDITION	SEE REPORT	SEE REPORT
DOES OIL CAP HAVE RUST?	NO	NO
TRANSMISSION OIL LEVEL	FULL	FULL
TRANSMISSION OIL CONDITION	SEE REPORT	SEE REPORT

SEE ATTACHED REPORT FOR FURTHER RECOMMENDATIONS. THE OPINIONS AND RECOMMENDATIONS SET FORTH IN THIS REPORT WERE COMPILED AS OF THIS DATE STATED AND DO NOT IMPLY OR CONSTITUTE A WARRANTY OF ANY TYPE. THIS REPORT IS ISSUED WITHOUT PREJUDICE TO THE RIGHTS OF WHOM IT MAY CONCERN.

STATIONARY INSPECTION OF ACCESSORIES

	PORT	STARBOARD
VIBRATION DAMPER	OK	OK
FRONT SEAL LEAKS	OK	OK
ENGINE MOUNTS	OK	OK
TURBO BLANKETS	OK	OK
TURBOS	OK	OK
FRESH WATER PUMP	OK	OK
SALT WATER PUMP	OK	OK
BELTS	OK	OK
ALTERNATOR	OK	OK
FRESH WATER HOSES	OK	OK
SALT WATER HOSES	OK	OK
SALT WATER PIPE CONDITION	OK	OK
HOSE CLAMPS	OK	OK
HIGH PRESSURE LINES	OK	OK
CHARGE AIR COOLER	OK	OK
FUEL COOLER	OK	OK
HEAT EXCHANGER	OK	OK

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TRANS COOLER	OK	OK
OIL COOLER	OK	OK
CONDITION OF PAINT	NEW	NEW
CONDITION OF COOLANT	OK	OK
AIR FILTERS	OK	OK
RACOR BOWL & CONDITION	OK	OK
FUEL CONDITION	OK	OK
RISER STYLE	OK	OK
OIL PAN STYLE	OK	OK
OIL PAN CONDITION	OK	OK
ENGINE WIRING CONDITION	OK	OK
ENGINE AIR COMPRESSOR	OK	OK
STABILIZER PUMPS	N/A	N/A
POWER STEERING PUMPS	OK	OK
PTO	N/A	N/A
BELT DRIVEN ADD ONS	OK	OK
OIL UNDER ENGINES	NO	NO
MISC ENGINE OIL LEAKS	NO	NO
MISC TRANS OIL LEAKS	NO	NO
MISC FUEL LEAKS	NO	NO
MISC COOLANT LEAKS	NO	NO
MISC SALT WATER LEAKS	NO	NO
MISC EXHAUST LEAKS	NO	NO
MISC CHARGE AIR LEAKS	NO	NO
MISC HYDRAULIC OIL LEAKS	NO	NO
NOTES: BOAT IS LIKE-NEW; NO LEAKS OR FAULTS. ENGINES RUN GREAT.		

INITIAL START UP INSPECTION

IGNITION ON ONLY

	PORT	STARBOARD
BATT VOLTAGE	28.2	28.1
ALARM OPTIONAL	NO	NO
ALL GAUGES TO-0	YES	YES
NOTES: GENERATOR RAN GREAT THE ENTIRE TIME. DID NOT HAVE A WAY TO MEASURE PARAMETERS ON THE BOAT. GENERATOR HAS NO LEAKS; RUNS GREAT; NO ISSUES.		

GENERATOR SET (S)

COLD CHECKS BEFORE STARTING

	PORT
MANUFACTURER	ONAN
MODEL	13.5MDKDN-8140A
SERIAL NOS.	L210011482
SPEC	A
KW	11/13.5
HOURS	370
AC VOLTAGE	120/240V
DC VOLTAGE	
HZ	30/60 Hz
PHASE	
WIRED 120 OR 120/240	120/240
OIL LEVEL & CONDITION	GOOD
RUST OR MOISTURE ON OIL FILLER CAP?	NO
COOLANT LEVEL & CONDITION	GOOD
BELT TENSION	GOOD

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LIFT MUFFLER & EXHAUST HOSE CONDITION	GOOD
FRESH WATER PUMP	NO LEAKS
SALT WATER PUMP	NO LEAKS
HOSES AND CLAMPS	NEW
EXHAUST ELBOW CONDITION	NEW
GEN WIRING	GOOD
CIRCUIT BREAKER	GOOD
REAR BEARING, LAMINATION, WINDING, BRUSH CONDITION:	NO LEAKS OR RUST FOUND ANYWHERE.

START UP & TEST RUN

RUNNING AT NO-LOAD	PORT
AC VOLTAGE	N/A
HZ	60
OIL PRESSURE	N/A
EXHAUST COLOR	NO SMOKE
SALT WATER FLOW	GOOD
LEAKS	NONE
GEN SET NOTES:	NO WAY TO READ ENGINE PARAMETERS

ENGINE STARTED COLD DOCKSIDE

	PORT	STARBOARD
EXHAUST SMOKE	NO SMOKE	NO SMOKE
TIME FOR SMOKE TO CLEAR	NO SMOKE	NO SMOKE
OIL PRESSURE	37	38
TRANSMISSION PRESSURE	332	331
TRANSMISSION DRAGGING IN NEUTRAL	NO	NO
ENGINE VIBRATION	NONE	NONE
BATT VOLTAGE RUNNING	28.2	28.1
INSPECTED FOR LEAKS	NO LEAKS	NO LEAKS
CONTROL OPERATION OK	YES	YES
UNUSUAL NOISES	NO	NO

SEA TRIAL OPERATING CONDITIONS AT 1000 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	37	38
TRANSMISSION PRESSURE	332	331
WATER TEMPERATURE	83°F	83°F
BATT VOLTAGE	28.2	28.1
EXHAUST TEMP	325	325
PROP SHAFT RPM	1000	1000
VIBRATION	NON	NONE

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SEA TRIAL OPERATING CONDITIONS AT 1400 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	49	51
TRANSMISSION PRESSURE	343	353
WATER TEMPERATURE	86°F	86°F
BATT VOLTAGE	28.2	28.2
EXHAUST TEMP	548	517
TRANS OIL TEMP	N/A	N/A
PROP SHAFT RPM	1400	1400
VIBRATION	NONE	NONE
GEARBOX OIL PRESSURE	393	353

SEA TRIAL OPERATING CONDITIONS AT 1600 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	49	51
TRANSMISSION PRESSURE	343	353
WATER TEMPERATURE	86°F	86°F
BATT VOLTAGE	28.2	28.2
EXHAUST TEMP	548	517
PROP SHAFT RPM	1400	1400
VIBRATION	NONE	NONE

SEA TRIAL OPERATING CONDITIONS AT 1800 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	56	58
TRANSMISSION PRESSURE	346	355
WATER TEMPERATURE	86°F	86°F
BATT VOLTAGE	28.2V	28.2V
EXHAUST TEMP	658	610
PROP SHAFT RPM	1830	1840
VIBRATION	NONE	NONE

SEA TRIAL OPERATING CONDITIONS AT 2000 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	59	61
TRANSMISSION PRESSURE	350	355
WATER TEMPERATURE	86°F	86°F
BATT VOLTAGE	28.2V	28.2V
EXHAUST TEMP	755	694
PROP SHAFT RPM	2000	2000
VIBRATION	NONE	NONE

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SEA TRIAL OPERATING CONDITIONS AT FULL-LOAD 2200 RPM

	PORT	STARBOARD
EXHAUST COLOR ON THROTTLE UP	NONE	NONE
EXHAUST COLOR RUNNING	NONE	NONE
OIL PRESSURE	59	61
TRANSMISSION PRESSURE	350	355
WATER TEMPERATURE	86°F	86°F
BATT VOLTAGE	28.2V	28.2V
EXHAUST TEMP	835	798
PROP SHAFT RPM	2200	2200
VIBRATION	NONE	NONE
GEARBOX OIL PRESSURE	353	357

SEA TRIAL OPERATING CONDITIONS AT IDLE SPEED

RUN ONE ENGINE AT A TIME FWD AND REV UP TO 1500 RPMs

	PORT	STARBOARD
MOUNT MOVEMENT OR RUNOUT	OK	OK
TRANSMISSION COUPLING RUNOUT	OK	OK
TRANSMISSION REAR SEAL LEAK	NO	NO
TRANSMISSION COUPLING LEAKING OIL	NO	NO
STUFFING BOX MOVEMENT	NO	NO
SHAFT MOVEMENT IN OR OUT OF COUPLING	NONE	NONE
ENGINE STALLING	NO	NO
NOTES: RUNNING GEAR HAS WEAR BUT NO ISSUES FOUND.		

OIL SAMPLES TAKEN FROM	PORT	STARBOARD
ENGINE	√	√
TRANSMISSION	√	√
GENERATOR	√	-

SEE ATTACHED REPORT FOR ADDITIONAL RECOMMENDATIONS FOR ENGINES

NOTES:
THE VESSEL RAN WELL, EVEN UNDER ROUGH CONDITIONS. THE ENGINES ARE BRAND NEW. NO LEAKS, ISSUES, OR FAULT CODES WERE FOUND. NO REPAIRS ARE NEEDED AT THIS TIME. RECOMMEND FOLLOWING THE VOLVO PENTA SERVICE PROTOCOL.