



Diggs Diesel LLC
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Engine Survey

Date: 8/1/2024 PORT GEN

Name of Vessel: True Love Type of Vessel: Custom Aluminum Trawler

Size of Vessel: 73

Engine Make & Model: Northern Lights M843NW3.3 Engine Serial Number: 8432-43342C

Engine Hours: 6011

Trans. Make & Model: _____ Trans. Serial # & Ratio: _____

Condition of Belts & Hoses: Belt is cracking. Hoses look good.

Oil or Fuel Leaks: None found

Coolant or Saltwater Leaks: Seawater pump leaking at shaft seal

Coolant Freeze Point: -30

	Cruise	13.5mph	FULL LOAD	14.5mph
RPM:	_____	1800	RPM: _____	_____
Oil Pressure:	_____	58	Oil Pressure: _____	_____
Coolant Temp:	_____	170	Coolant Temp: _____	_____
Fuel Pressure:	<u>n/a</u>	_____	Fuel Pressure: _____	_____
Trans. Oil Pressure:	<u>n/a</u>	_____	Trans. Oil Pressure: _____	_____

Overall Condition of the Engine: Overall unit is in very good condition. Only leak found is the seawater pump shaft seal. Recommend resealing or replacing pump. Also found some rust on the exhaust mixing elbow. Recommend further inspection. The belt is also cracking and should be replaced. Primary fuel filter is a Racor 900MA. Oil sample was good.