



Diggs Diesel LLC
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Engine Survey

Date: 8/1/2024 STAR GEN

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

Size of Vessel: 73

Engine Make & Model: Northern Lights M944W3.3 Engine Serial Number: 9442-44968C

Engine Hours: 3867

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: None found

Coolant Freeze Point: -30

| | Cruise | 13.5mph | FULL LOAD | 14.5mph |
|----------------------|---------------|----------------|----------------------|----------------|
| RPM: | _____ | 1800 | RPM: | _____ |
| Oil Pressure: | _____ | 20 | Oil Pressure: | _____ |
| Coolant Temp: | _____ | 185 | 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. The belt is also cracking and should be replaced. Oil pressure seemed low. Recommend verifying with a mechanical gauge. Primary fuel filter is a Racor 900MA. Oil sample was good.