



Diggs Diesel LLC  
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## Engine Survey

Date: 8/1/2024 PORT

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

Size of Vessel: 73

Engine Make & Model: Yanmar 6SY-STP2 Engine Serial Number: 6516380

Engine Hours: 3211

Trans. Make & Model: ZF350A Trans. Serial # & Ratio: 20047196 2.630:1

Condition of Belts & Hoses: Belt looks good. Hoses look good.

Oil or Fuel Leaks: None found

Coolant or Saltwater Leaks: None found

Coolant Freeze Point: -35

	<b>Cruise</b>	<b>13.5mph</b>	<b>FULL LOAD</b>	<b>14.5mph</b>
RPM:		<u>1950</u>	RPM:	<u>2300</u>
Oil Pressure:		<u>70</u>	Oil Pressure:	<u>67</u>
Coolant Temp:		<u>180</u>	Coolant Temp:	<u>205</u>
Fuel Pressure:	<u>n/a</u>		Fuel Pressure:	<u>n/a</u>
Trans. Oil Pressure:	<u>n/a</u>		Trans. Oil Pressure:	<u>n/a</u>

Overall Condition of the Engine: Overall engine is in very good condition. Engine performed well on sea trial. The coolant temp did rise on the full load run. Recommend replacing the impeller and inspecting the heat exchanger. Primary fuel filter is a racor 900MA Both engine and transmission oil samples were good.