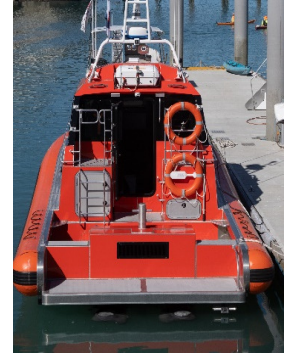




POWER PROFILE



Application:	Recreational / LDC
Vessel Construction:	Alloy Rib
Vessel Name:	Sealord Rescue
Vessel Owner:	Coast Guard Nelson
Length (LWL / LOA):	WL 9.0m / LOA 11.3m
Weight:	11.6 Tonne
Engine Model:	2 x Yanmar 6LY440 (Common Rail)
Engine Power Rating:	2 x 324kW (440mph) @ 3300rpm
Drive Configuration:	Hamilton Twin HTX30 Waterjets
Gear Ratio and Model:	Ratio 1.514:1 / ZF280-1 x 2
Control Type:	Hamilton Jet AVX with Jet Anchor (Advanced Control)
Cruise Speed:	30 knots
Top Speed:	41.5 Knots & 3400rpm
Propeller Size:	N/A
Technician Name:	Dan S
Date of Operational Check:	9th January 2021
Sold by:	Aimex Limited New Zealand
New Installation Completed by:	Aimex Limited New Zealand

Comments:

On the day of testing the initial test had 12 passengers on board and achieved 39.5 knots with basic jet settings, then later in the day achieved 41.5 knots with 9 passenger on board and the fine tuning of the jets done. The vessel is fitted with the latest Hamilton AVX Electronic control System with the addition of the Jet Anchor advanced Control System. This allows the vessel to move in any direction at slow speed with the aid of the bow thruster. The engines are controlled by the Hamilton AVX using this feature. The response from the YANMAR CR engines is instant and the operators are extremely happy.

At the time of writing this the vessel had completed its 50hr service and is operating faultlessly.

Disclaimer: Power Equipment provides this Performance Report for general information only. This data is accurate only as to the exact date, time and specifications set out in this Report. YANMAR makes no warranties as to the performance or fuel consumption of any boat equipped with a Yanmar engine as numerous factors affect actual performance of an engine.



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