



LEEN 56 #01 sea trial report

We are very pleased to share with you technical information measured on board the **LEEN 56**.

Date: April 22/2021

LEEN 56 hull #01 hybrid propulsion: 1 X 305 HP Cummins QSB 6.7 & 2 x electric engines Bell Marine drive master 15KW. Diesel tankage: 5 000 Liters = 1 321 US gallons

Witness: Journalists from Motor Boat, Neptune Yacht & Multihulls world

With the Cummins QSB 6,7:		1 US Gallon = 3,785 Liters			
Speed	RPM	Consumption	Consumption	Autonomy in Nautical Miles	Comments
in knots	T/mn	Liters per Nautical Mile	US gallons per Nautical Mile		
5,5	1 000	1,0	0,26	5000	
8	1 500	1,25	0,33	4000	<i>Perfect for long distance navigation like the atlantic crossing.</i>
9	1 850	2,0	0,53	2500	<i>This is the intended target of the LEEN 56. Hulls, engine & propeller have been designed accordingly.</i>
10,00	2120	2,77	0,73	1800	<i>Still very good with more than 1800 Nautical mile autonomy.</i>
12,3	3 000	7,5	1,98	667	

All performance specified in the table above applies to LEEN 56 #01 with clean hull, propellers, and rudder.

Furthermore, the performance indicated above has been defined under the following sea and wind conditions (12knts North-East direction, ambient T < 20°C, seawater T = 13 °C, atmospheric P = 1017.8 hPa).

Different conditions may modify performance datas.

The datas in the following document are for information purpose only and non-contractual.