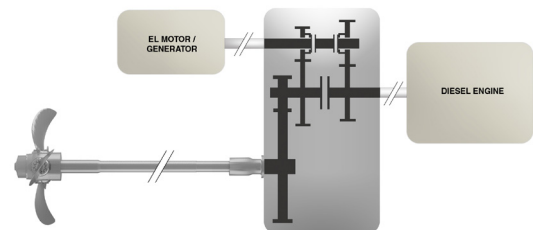


Liafjord

Pelagic Trawler / Midwater Trawler



Owner	Liegruppen Fiskeri AS, Norway	
Shipyard	Cemre Marin Endüstri A.S., Turkey	
Hull Number	#78	
Year Built	2022	
IMO Number	TBC	
Ship Design	Salt Ship Design AS, Norway	
Class	BV / No Ice	
Engine	Diesel	
Type	Power	4800 kW RPM 750
Install Number(s)	2444-47	
Gear / Ratio	ACG980 2-speed	
PTO / PTH	PS750: PTO: 2500 kW / PTH: 1500 kW	
Propeller	CP95 / 4000mm	
Nozzle	NA	
Remote Control(s)	BruCon Control System	
Thruster(s)	Brunvoll Tunnel Thrusters	
Type	Position	Power
FU63LTC 1550	Bow	600 kW
FU63LTC 1550	Stern	800 kW



2-speed Hybrid Propulsion - PTH Power Take Home

The 2-speed Reduction Gearbox is a fully integrated system to provide the option for two steps of different propeller speeds in a diesel mechanical or hybrid configuration.

In step one the propeller is running at high rpm at full speed from the diesel engine. Step two is designed for an operation mode demanding reduced energy to the propeller. In step two the available power is divided between the propeller and the PTO unit for utilisation at other consumers.

This propulsion system is also designed for PTH-mode for electric emergency mode.

A 2-speed hybrid system configuration is a fuel efficient and flexible system, with high redundancy. The zero-pitch loss is reduced to a minimum, and the vessel can achieve considerable fuel saving.