Certificate No: LR26181423TA
Issue Date: 24/04/2026
Expiry Date: 23/04/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Wärtsilä Finland Oy**
Address	Teollisuuskatu 1, Vaasa, 65170, Finland
Type	Internal Combustion Engines
Description	Spark ignition gas, 4-stroke, trunk piston, in-line and Vee engine, non-reversible, with supercharging, with charge air cooling, valve operation cams.
Trade Name	W50SG
Application	Multi engine installations for auxiliary or electric propulsion in marine applications
Specified Standard	Lloyd's Register's Rules & Regulations for the Classification of Ships, Part 5, Chapters 2, 12 and 14 Lloyd's Register's Rules & Regulations for the Classification of Ships using Gases or other Low-flashpoint Fuels, July 2025, Part A-1
Ratings	No. of cylinders: 6, 8 & 9 Inline and 12 Vee Max. continuous rating (kW/cyl): 950 @ 500 rpm 975 @ 514 rpm Max. firing pressure (bar): 178 Mean indicated pressure (bar): 22.2
Other Conditions	This Type Approval relates to the mechanical aspects of the engine only.

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Jenny Wilson

Engineering - Machinery Principal Specialist
to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Control aspects, and other Classification requirements shall be subject to separate Type Approvals, or to ship specific plan appraisal.

These engines are conversions only and will be converted onboard a vessel. Such service conversion projects are to use Wärtsilä Global Logistics Services (WGLS) as component source where the suppliers are Wärtsilä' suppliers.

To ensure the validity of this certificate, production facilities are to be inspected by an LR Surveyor who shall verify that the engines conform to the approval documentation referenced in the Machinery General Design Appraisal Document associated with this certificate and that they are covered by a Wärtsilä licensing agreement.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR26181423TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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