Certificate No: LR2003926TA
Issue Date: 02/06/2020
Expiry Date: 01/06/2025

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	**DAIHATSU DIESEL MFG. CO., LTD.**
Address	45, Amura-cho, Moriyama-shi, Shiga, 524-0035, Japan
Place of Production	DAIHATSU DIESEL MFG. CO., LTD. 45, Amura-cho, Moriyama-shi, Shiga, 524-0035, Japan
Type	Diesel Engines
Description	4-stroke, direct injection, single acting line type, trunk piston type, diesel engine
Trade Name	8DEL(M)-23(F)(L) Series
Application	Marin main propulsion & auxiliary
Specified Standard	Part 5, Chapter 2 of Lloyd's Register's Rules and Regulations for the Classification of Ships (July 2019) IACS M53 : Rev.3, June 2017 IACS M71 : Corr.1, June 2016
Ratings	See Appendix
Other Conditions	Where the engine is intended to be supplied for a ship built or being built to Lloyd's Register (LR) class, the matters raised in a General Design Appraisal

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Satoshi Ueno

Surveyor to Lloyd's Register Group Ltd
A member of the Lloyd's Register Group

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

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Document separately issued in examination for compliance with LR Rules incorporating IACS M44 (Tables 1 and 2) and M53 are to be satisfied.

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 Group Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2003926TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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