Certificate No: LR25337464TA
Issue Date: 30/10/2025
Expiry Date: 29/10/2030

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	**Caterpillar Motoren GmbH & Co.KG**
Address	Falckensteiner Strasse 2, Kiel, 24159, Germany
Type	Internal Combustion Engines
Description	Four stroke, turbocharged and intercooled, trunk piston, in-line type and vee type internal combustion engine
Trade Name	M32C/M32E 6, 8, 9 Cylinder and VM32C/VM32CLS/VM32E 12, 16 Cylinder
Application	As prime movers and auxiliary drives on ships classed or intended for classification with Lloyd's Register
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, 2025

Downloaded Copy

Matthijs Breel

Technical Specialist, Power Generation & Emissionsl Specialist, Power Generation to Lloyd's Register EMEA

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR25337464TA
Issue Date: 30/10/2025
Expiry Date: 29/10/2030

Type Approval Certificate

Ratings

	Max.firing pressure	Max. power (MCR)
M32C	205 bar	500 kW/cyl. at 600 rpm
M32E	230 bar	550 kW/cyl. at 720/750 rpm
		580 kW/cyl. at 720 rpm
VM32C	203 bar	500 kW/cyl. at 750 rpm
VM32CLS	200 bar	500 kW/cyl. at 720/750 rpm
VM32E	225 bar	560 kW/cyl. at 720/750 rpm

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 HMD 11808-03, Issue No. 17 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.