Certificate No: LR21106133TA
Issue Date: 28/10/2020
Expiry Date: 27/10/2025

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	**Kobelt Manufacturing Co. LTD**
Address	8238 - 129th Street, Surrey, V3W 0A6, Canada
Place of Production	Kobelt Manufacturing Co. LTD 8238 - 129th Street, Surrey, V3W 0A6, Canada
Type	Pumps
Description	Variable Delivery Models 7003, 7005 and 7012 Fixed Delivery 7004 and 7031
Trade Name	Helm Pumps
Application	Helm pumps for Steering Systems for Pleasure Yachts and Work Boats
Specified Standard	Lloyd's Register Rules and Regulations for Classification of Special Service Craft, Jul 2020
Ratings	Normal Working Pressure 1000 psi
Other Conditions	1. Helm pumps are not to be utilized in main steering system for crafts which are required to comply with HSC code. 2. Helm Pumps are acceptable only as part of main steering systems on both service crafts and sailing yachts of less than 50 meters in length.

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Praveen Dwarakanath

Assistant Specialist-Engineering Systems to
Lloyd's Register Canada Limited
A member of the Lloyd's Register group

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3. Helm Pumps can be utilized in auxiliary steering systems.
4. Where Helm pumps are used, the effort to operate is not to exceed 160 Newtons under normal conditions.
5. Helm pumps to be installed outside of machinery space.

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 Canada Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 16/00003

The Design Appraisal Document LR21106133TA (Reference: ATS-20-0650-TA) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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