

April 16, 2026

Response to our Fixed Pitch Propeller based on the latest VGP
issued by US Environmental Protection Agency
(Updated on April 16th, 2026)

To Whom It May Concern,

According to the 2013 Vessel General Permit (VGP), effective from Dec. 19th, 2013, all devices which have possibility to contact with seawater are required to use environmentally acceptable lubricants (EALs). The Final 2013 VGP is on the EPA website. EAL are addressed in part 2.2.9.

【Technical action】

-Regarding our Fixed Pitch Propeller cap-

It has possibility to be recommended using the EAL for inside of our Fixed Pitch Propeller cap in consideration of current situation based on the VGP. When recommending using the EAL, please refer to the list of the usable EAL.

【List of the usable EAL】

The usable EAL for inside of our fixed pitch propeller cap are as following.

(As of April 16, 2026)

Maker	Brand
Lubmarine	BIOMULTIS EP2
LUKOIL	PLANTOGEL 2S
BP Castrol	Bio Tac MP
	Bio Tac MP2
EXXON MOBIL	Mobil SHC Aware Grease EP2
VICKERS	BIOGREASE EP2
SHELL	Naturelle Grease S5 V120P 2
GULF	GulfSea BD EP2 Grease
Chevron	Marfak Bio EliteSyn HD 2
LUKOIL	NAVIGREASE BIO 2
PANOLIN	BIOGREASE LL-EP2
KLUBER	Kluberbio BM 32-142
RSC Bio Solutions	EnviroLogic Grease 2 WREP
LENOL	LENOL Grease BIO 2



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If you have any question, please feel free to contact us.

Sincerely yours,

NAKASHIMA PROPELLER CO., LTD.