

CUSTOMER PRODUCT SHEET

Operational support for stern tube face-seal leakage

A biodegradable-oil sealing additive designed to stop or significantly reduce outgoing face-seal leakage, supporting controlled operation while permanent repair is planned.

APPLICATION RANGE	LUBRICANT	INITIAL TREATMENT	TOP-UP MIX
0–90 L/day	Biodegradable oil	Approx. 5% of system oil volume	2.5% of the Low-to-Normal refill volume

Why ST FS Seal Core UE-BIO

Leakage control Designed to stop or significantly reduce forward stern tube face-seal leakage up to 90 L/day.	Established PTFE approach Based on a recognised method for supporting seal performance in demanding marine systems.	Avoid unplanned dry-docking Onboard or in-port treatment may allow continued operation until permanent repair is scheduled.
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How it works

Circulate System oil carries dispersed sealing particles towards the leakage path.	Reach the seal Outgoing flow moves particles towards the face-seal interface.	Support sealing Particles may accumulate at the leakage area and help form a barrier.
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From assessment to treatment

Assess AddVation reviews the system, lubricant, filtration and face-seal leakage conditions.	Treatment Plan A Vessel Treatment Plan defines the initial quantity, refill / top-up basis, operating conditions and monitoring.	Apply & monitor The crew follows the Vessel Treatment Plan and records the treatment response.
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IMPORTANT ST FS Seal Core UE-Bio is not a substitute for permanent mechanical repair.

DETAILS: Vessel quantities, operating conditions and the refill / top-up basis are stated in the Vessel Treatment Plan.

NEXT STEP: CUSTOMER SYSTEM ASSESSMENT

Standard packaging: 1 L | 3 L | 5 L | 10 L | 20 L Technical documents: TDS | SDS | Application Guide | Quick Guide