CUSTOMER PRODUCT SHEET

Operational support for outgoing stern tube oil leakage

A mineral oil-based sealing additive for outgoing stern tube lip-seal leakage of 12 to less than 48 L/day, supporting controlled operation while permanent repair is planned.

APPLICATION RANGE	LUBRICANT	INITIAL BLEND	TOP-UP BLEND
12 to <48 L/day Lip seals	Mineral oil	Up to 500 L: 16% total Over 500 L: 8% total Product + oil 1:1 % of system oil volume	4% product / 96% oil in the final refill blend Actual refill volume only

Why ST Seal Core Plus

Leakage control
Designed to stop or significantly reduce outgoing stern tube oil leakage of approx. 12-48 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.

How it works

Circulate
System oil carries dispersed sealing particles towards the leakage path.

Reach the seal
Outgoing flow moves particles towards the worn sealing interface.

Support sealing
Particles may accumulate at the leakage area and help form a barrier.

From assessment to treatment

Assess
AddVation reviews the system, lubricant, filtration and leakage conditions.

Treatment Plan
Defines blend quantities, filter configuration, application and reporting.

Apply & report
Follow the plan and return page 2 when leakage is confirmed stopped, or after 14 days if it continues.

IMPORTANT: Treatment does not replace mechanical repair where severe seal damage is present.

FILTER: Plus guidance is 100 µm. Filters may retain particles and reduce effectiveness. Confirm the permitted configuration allows particles to reach the seal. Do not remove or bypass filters without vessel/OEM approval.

NEXT STEP: CUSTOMER SYSTEM ASSESSMENT

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