

TECHNICAL DATA SHEET

1. Product identification and description

PRODUCT NAME	ST Seal Core
PRODUCT CATEGORY	Stern tube oil leakage treatment additive
SUPPLIER	AddVation ApS, Ellesøpark 25, 2950 Vedbæk, Denmark
CONTACT	info@addvation.com +45 50 181 182 www.addvation.com

ST Seal Core is a mineral oil-based additive containing dispersed sealing particles. It is developed for the controlled treatment of minor outgoing oil leakage in stern tube systems, subject to technical assessment.

2. Mode of action

During circulation, the oil carries the sealing particles towards the leakage path, where they may accumulate and help form a sealing barrier. Performance depends on the system and operating conditions. ST Seal Core does not replace mechanical inspection or permanent repair where required.

3. Compatibility

LUBRICANT	Mineral oil-based stern tube lubricants only. Do not use this formulation in EAL or bio-based lubricant systems.
SEAL MATERIALS	Mineral oil-compatible sealing materials, subject to confirmation for the actual seal arrangement.

4. Application

APPLICATION CONTROL	Use only in accordance with an AddVation-issued Vessel Treatment Plan.
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5. Technical and physical properties

Property	Typical / indicative value
Appearance / colour	White to off-white / light cream
Physical state at 20 °C	High-viscosity suspension / paste
Odour	Characteristic, mild oil-like
Density at 20 °C	Approx. 0.99 kg/L
Water solubility	Insoluble / negligible
Base fluid	Mineral oil-based
Apparent viscosity at 20 °C	Not applicable as a single value - non-Newtonian, shear-dependent paste
Recommended shelf life	Recommended shelf life: 24 months when stored unopened under the stated conditions

6. Packaging and storage

Standard packaging	1 L 3 L 5 L 10 L 20 L
Storage	Keep tightly closed in the original container. Store in a clean, dry environment at 5–30 °C. Protect from moisture, direct sunlight, excessive heat and freezing. Mix thoroughly before use if settling occurs.

7. Safety information

Refer to the applicable Safety Data Sheet for classification, PPE, spill response, transport and disposal information.