

Fuel Oil Treatment.

SHERFUEL VANAGUARD

ADVANCED FUEL OIL TREATMENT FOR VANADIUM NEUTRALIZATION AND HOT CORROSION CONTROL

DESCRIPTION & APPLICATIONS:

A specialized fuel oil treatment additive formulated to reduce the harmful effects of vanadium and sodium contaminants commonly present in residual and heavy fuel oils. During combustion, these contaminants can form corrosive ash deposits that attack exhaust valves, turbochargers, economizers and other high-temperature components. The product reacts with vanadium and sodium compounds to convert them into higher melting point complexes with reduced corrosive potential. Regular treatment helps minimize hot corrosion, improve combustion quality, maintain cleaner exhaust systems and extend equipment service life.

FEATURES & BENEFITS:

- Neutralizes harmful vanadium and sodium contaminants in fuel oil.
- Reduces high-temperature corrosion of exhaust valves and turbochargers.
- Raises the melting point of sodium-vanadium ash deposits.
- Minimizes ash-related fouling in economizers and exhaust gas systems.
- Improves combustion efficiency and fuel utilization.
- Reduces soot formation and unburned carbon particles.
- Promotes sludge dispersion and cleaner fuel handling.
- Assists separation of emulsified water from fuel oils.

TREATMENT GUIDELINES:

Parameter	Recommendation
Standard Dosage	1 L per 4 Tons Fuel
Treatment Ratio	1 : 4000
Fuel Tank Application	Add before or during bunkering
Continuous Dosing	Via metering pump into service line
Automatic Dosing System	Recommended

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

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PS ID: 14754

TN-315946

APPLICATIONS GUIDELINES:

Method	Procedure
Fuel Tank Treatment	Add SHERFUEL VANAGUARD directly into fuel tanks before or during bunkering.
Continuous Dosing	Inject into the fuel service line ahead of the service pump using a metering pump.
Automatic Dosing Systems	Recommended for consistent and accurate treatment.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Dark Liquid
Product Type	Fuel Oil Treatment Additive
Function	Vanadium & Sodium Neutralizer
Fuel Compatibility	Heavy Fuel Oils
Mixing Characteristics	Self-Mixing in Fuel

Typical values are for guidance only and should not be considered product specifications.

STORAGE AND HANDLING:

Store in tightly closed containers in a cool, dry, ventilated place. See the latest SDS for safety details.

SHELF LIFE:

24 Months from date of manufacture when stored under recommended conditions.

STANDARD PACKING:

25 L Steel Drum

TYPICAL APPLICATIONS:

- Main Engines
- Auxiliary Engines
- Diesel Generators
- Turbochargers
- Economizers
- Exhaust Gas Boilers

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