

VANSOLVENT

1. DESCRIPTION

Liquid compound that contains chemical agents proven effective in greatly reducing harmful effects of Vanadium Oxides and Sodium Salts in diesel engines. Adding **VANASOLVENT** to bunker fuel forms a complex, which deactivates the **VANADIUM** and **SODIUM** common in heavy bunker fuels.

The melting point of **VANADIUM PENTOXIDE** is 675°C and **SODIUM SULFATE** 880°C. When **VANASOLVENT** is employed, the complexes formed with **VANADIUM** and **SODIUM SULFATE** by the chemical in **VANASOLVENT** melts at about 1100°C.

2. APPLICATIONS

For both steam and motor vessel burning heavy fuel oils to:

- Improve combustion efficiency.
- Reduce corrosion.
- Disperse sludge and separate water.

3. DIRECTIONS FOR USE

Introduce **VANASOLVENT** as follows:

- Manually into tank prior to or during bunkering the fuel movement on entering the tank blends the product completely.
- Automatically, by means of metering pump, into the fuel system. The metering pump is recommended for this use.

4. INITIAL DOSAGE

Dosage requirements depend upon the quality of the fuel oil to be treated.

VANASOLVENT can be added directly to the day tank by means of dosing pump, but it is preferable to dose the product directly to the fuel oil service line prior to the service pump. Dosage requirements depend on the nature and amount of impurities, and to establish a more accurate and cost efficient dosage rate, it would be useful to test or to know the **VANADIUM** content at each bunkering. Consult your local **UNI AMERICAS** Service Engineer for recommendations of the dosage rate based on specific problems and requirements onboard.

5. OTHER INFORMATION

- Reduces high temperature corrosion.
- Extends life of exhaust valves, cylinders etc.
- Reduces corrosion effects of Vanadium and Sodium impurities.
- Reduces smoke, carbon and ash deposits.
- Reduces unburnt particles and soot emissions.
- Limits fouling of turbo chargers.
- Separates emulsified water and helps water separation at the separator.
- Improves atomization and combustion.

**FUEL OIL TREATMENT
ESPECIALLY FORMULATED TO
ELIMINATE VANADIUM AND
SODIUM IN HEAVY FUELS,
WHICH ARE HARMFUL TO
DIESEL ENGINES**

Product Highlights

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- Extends life of exhaust valves, cylinders etc.
- Reduces corrosion effects of Vanadium and Sodium impurities.
- Reduces smoke, carbon and ash deposits.
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- Limits fouling of turbo chargers.
- Separates emulsified water and helps water separation at the separator.
- Improves atomization and combustion.

Product Characteristics

Appearance:	Brown color
Corrosive action:	None
Specific gravity:	.90
Flash Point:	None
pH:	7

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clean chemicals clean ships clean seas

