



Technical Data Sheet

Vanadium Inhibitor (Corrosion Inhibitor)

ART NO: OLO-9020

PRODUCT FEATURES:

- Carboxylate base Vanadium Inhibitor with superior performance with water tolerance and asphaltene suspension in Heavy Fuel Oil or Crude Oil.
- Result of years of research and development. It is a high quality, high purity oil soluble vanadium inhibitor that is manufactured in Germany and Netherlands.
- Contains Magnesium 20% by weight that provides immediate mixing with Heavy Fuel Oil;
- Intended to increase the melting point of ashes;
- Prevents hot corrosion in gas-turbines and reduces hard deposit build-ups;
- manufactured in Germany and Netherlands according to strict gas turbine anti-corrosion standards;
- Good stability, unhydrolyzed, non-volatile, low pour point and non-toxic advantages. To be used in different types of gas turbines which consume crude oil, heavy oil and light oil.

TYPICAL PROPERTIES:

- Magnesium content % wt: Min. 20 %
- Appearance: Creamy viscous Liquid
- Density at 20° C: 1.25 – 1.3 g/ml
- Particulate Matter: 99,9 % < 2 microns
- Sediment: 0,05 %
- Oil Soluble = Completely soluble
- Viscosity @ 40° C: =<60 cST
- Freezing Point (° C): < - 10
- Flash Point (°C): >62°
- Hydrolytic stability: Good
- Hydro Stability: Excellent
- Water: Nil
- Ca: <500ppm
- Na+K: < 50 ppm
- Pb: < 1 ppm
- V: < 1 ppm

PACKAGING, STORAGE, SHIPPING:

This product is an industrial chemical and should therefore be handled with care and caution. It should not be contacted to skin. Should contact with skin take place it should be rinsed immediately with water. Contact with fire and high temperatures should be avoided. Normally stored and handled at room temperature. For general purposes the Storage and Handling can be at a temperature up to 65° C. Room temperature is defined as 15° C - 60° C.

it can be pumped directly into the storage tank. It is non-corrosive for carbon steel, stainless steel and aluminum. Shelf life in original drum is maximum one year without agitation. With agitation it is 18 months.

General Packaging is 200 liter drums. Each 4 drums are jointed and seated on palette. For each 20 'container 80 drums can be transported. Packaging is customizable by client.

Additive should be kept away from sunshine, impurities and acidic chemicals.

ADDITIONAL FEATURES:

- Meets standards of all major gas-turbine manufacturers, ie Siemens, GE etc.
- Less abrasive to pumps and valves in comparison to Mg (OH) based products
- Complies with GEK 28150 (E)&(F) for an Oil soluble Magnesium Additive for gas turbine fuel
- Highly resistant to hydrolysis
- Does not cause any clogging of fuel filters
- Does not interfere with operations nor create additional wear on fuel pumps, flow deviders, check valves and fuel nozzles
- Stable and homogenous when mixed with HFO & Crude Oil.
- No handling & transport restrictions, storage and handling up to 70° C.