



# TECHNICAL DATA SHEET ER - 517

## Lubricity improving additive for gas turbine fuels

### GENERAL DESCRIPTION

- \* Highly active proprietary blend of fatty derivatives.

### APPLICATION

- \* Completely oil soluble surface active molecule which will go into solution in the fuel and creates a lubricating film by adsorption on metal surfaces, thus reducing potential wear problems due to poor fuel lubricity.
- \* Typical treat rates are 25 to 100 ppm in fuel oil depending on the severity of the problem. Treat rate shall preferably be confirmed by HFRR testing. Can be used to treat low lubricity distillates, naphthas, condensates and kerosene.

### FEATURES

- \* Field proven technology.
- \* Specially designed for gas turbine fuel oil applications (e.g. flow dividers, fuel pumps, etc.)
- \* Low viscosity lubricity improver, goes rapidly into solution in the fuel oil.
- \* Can be injected as such or as part of a multifunctional additive pack.
- \* Minimum 12 months storage stability.

### BENEFITS

- \* Effective on a wide range of distillate fuels, naphthas, condensates and kerosene.
- \* No negative effects on other additives such as corrosion inhibitors, combustion improvers, etc.
- \* Shows a positive effect on the HFRR Test (High Frequency Reciprocating Rig)
- \* Contains no phosphorous, metals or chlorine.
- \* Not classified as flammable for transportation.

### PHYSICAL PROPERTIES

- |                             |                                      |
|-----------------------------|--------------------------------------|
| * Appearance at 20° C:      | Amber liquid with soapy, fatty smell |
| * Density at 15° C:         | 0.92                                 |
| * Flash point (° C) - PMCC: | 100 °C min.                          |
| * Pour Point:               | below -6° C                          |
| * Viscosity at 20°C :       | below 50 cSt                         |

### AVAILABILITY

- \* In 184 Kg Net Drums (200 litre volume), ex-works.
- \* Delivery time: approx. 3 to 4 Weeks

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