



KEM-DP-FOT PLUS

Product Code : Q00034
Product Group: FUEL OIL TREATMENT
Packaging: 25L

PRODUCT DESCRIPTION

KEM-DP-FOT-PLUS combustion improver is a blend of organic compounds designed to promote more complete combustion and to maximize the energy release from the fuel. It can be used in diesel engines, gas turbines and boilers for fuels ranging from distillate to residual fuel oils.

By providing more complete combustion, KEM-DP-FOT-PLUS combustion improver reduces the amount of exhaust

particulates and carbon deposits. This action keeps internal combustion surfaces cleaner and can reduce maintenance costs as well as reducing fuel consumption. KEM-DP-FOT-PLUS contains no metals and is totally consumed in the combustion process.

Engine tests on a slow-speed diesel engine burning residual fuel oil showed a reduction of particulates of 18% and smoke opacity of 70% with the use of KEM-DP-FOT-PLUS combustion improver. In other tests, cetane values of #2 diesel oil improved by 2% with the use of KEM-DP-FOT-PLUS combustion improver.

APPLICATION, DOSAGE & CONTROL

The dosage rate for KEM-DP-FOT-PLUS combustion improver is in the range of 1 liter for 1-8 tons of fuel. The optimum dosage rate, however, will vary depending on the engine and boiler design, overall fuel quality and operational procedures.

It is recommended that fuel deliveries are representatively sampled and analyzed to monitor overall fuel quality and to determine levels of contamination.

Consult your local EUROCHEM representative for further discussion on fuel samplers, fuel analysis services and onboard testing equipment.

It is recommended that the product be metered continuously into the fuel. This is best accomplished by the use of a metering system (EUROCHEM WATER PUMP). Dosing in this manner assures proper mixing, dispersion, and sufficient quantities of KEM-DP-FOT-PLUS combustion improver when needed. It is usually recommended that the product be dosed to the low-pressure side of the fuel treatment system, but the actual dosing location may vary depending on the engine layout and design.

BENEFITS

- **Decreases smoking and particulate emissions.**
- **Reduces fouling of economizer.**
- **Minimizes low temperature corrosion.**
- **Increases boiler efficiency.**
- **Eliminates diesel injector trumpeting.**
- **Minimizes carbon buildup in combustion space.**
- **Minimizes air heater fouling.**
- **Reduces deposits on atomizing nozzles in boilers.**
- **Allows lower excess air.**
- **Does not increase particulate loading.**
- **One product provides benefits for a wide range of fuels and combustion equipment.**



HEALTH SAFETY

Please refer to the Material Safety Data Sheet and Product Label for specific information.

LIMITATION OF LIABILITY

EUROCHEM INTERNATIONAL standard terms and conditions of sale, available on request, apply and contain limitations on any liability that may be incurred by EUROCHEM INTERNATIONAL arising in any way from the sale and use of products supplied by EUROCHEM INTERNATIONAL.