



RAMYAR SHIMI CO.

Chemicals For Petroleum Industries



ML 21: FUEL OIL TREATMENT – SLUDGE DISPERSANT

ML 21 . is a blend of organic solvents , de-emulsifiers and rust preventatives especially formulated to eliminate sludge in fuel tanks. Improve fuel transfer, retard fuel tank corrosion and improve atomization and combustion qualities.

ELIMINATES SLUDGE

For the softening and dispersion of sludge accumulation in fuel tanks and to recover fuel values. ML 21 . used in a programmed method can provide ultimate fuel system performance independent tests proved ML 21 . has a sludge dissolving efficiency factor of 96.24 % .

EASY TRANSFER

Oils treated with ML 21 . will have a lower surface tension which aids in the removal of water and sludge build up. Carryover of ML 21 . through the entire fuel system maintains the fuel in a quality condition for better atomizing and more complete burning.

Much less soot is formed in the fire box and on internal parts of the boiler.

More complete burning reduces unnecessary smoke.

Since ML 21 . reduces the quantity of water throughout the fuel system. The rusting action on any interior part of the system is greatly reduced.

PRECAUTIONS

Avoid prolonged or repeated contact with skin. Use in well ventilated area.

Additional precaution on drum label.

DIRECTIONS

ML 21 . used at 1 to 2 quarts per 1000 gallons (3.5 tons) (1 to 2 liters per 3800 liters) .

Typical programmed methods are :

Preventive maintenance (clean system)

One quart (1 liter) is added to the tank for each 1000 gallons (3.5 tons)

Fueling provides sufficient agitation for complete dispersion.

Initial Treatment (Slugged system)

Two quarts (2 liters) of ML 21 . to the tank in approximate equal volume to the sludge in the system. Then proceed as above until sludge condition is satisfactorily reduced.

PRODUCT DESCRIPTION

FORM : Clear amber colored liquid

Specific Gravity at 60 F : 0.925

Flash point (C.O.C.) : 160 F. (170 C)

