



## FOT COLD FLOW IMPROVER

### FEATURE & BENEFITS:

- Improves the cold flow properties of middle distillates
- Minimizes wax formation
- Reduces the CFPP (Cold Filter Plugging point) and Pour Point
- Enables Fuel handling in lower temperatures
- Diminishes the fuel solidification risk
- Minimizes the need for costly kerosene addition and dilution

### APPLICATIONS:

Petroleum products contain a fraction of long-chain alkanes (with a carbon number smaller than 20) or paraffins commonly known as wax. Wax formation is frequently prevalent in lower temperatures and its dissolution back to fuel is very difficult. Manual removal of wax formation is a difficult and time consuming process and will lead to great economical losses in oil recovery. FOT COLD FLOW IMPROVER is an additive containing ethylene vinyl ester polymers in higher boiling hydrocarbons. This additive can considerably reduce both the CFPP (Cold Filter Plugging Point) and the Pour Point of diesels and heavy fuel oils. It improves the cold flow properties and helps reduce the unwanted wax formation, as well as diminish its accumulation and fallout risk.

### DIRECTIONS FOR USE:

Based on the characteristics of the particular middle distillate in use, 25 - 500 ppm is usually sufficient to achieve the desired CFPP and/or Pour Point response. Higher dosages up to 1000 ppm may also be used while observing the recommended blending conditions. The dosage rates required are very dependent on the characteristics of the middle distillates. When dosing, temperature should be at least 5°C above the fuel's measured cloud point. Ideal storage temperature is 25 - 35°C. After prolonged storage at low temperatures the product should be stirred or otherwise homogenised before use.

### PACKAGING:

FOT COLD FLOW IMPROVER is packed in 25 liter pails, 200 ltrs drums are available on request.

### STORAGE AND HANDLING:

Store in dry cool ventilated area. Keep away from heat and sources of ignition. Direct sunshine should be avoided. Can self-ignite when soaked into porous material.

Avoid excessive skin and eye contact. In case of skin contact, wash with soap and water. In case of eye contact, flush with water and seek medical attention.

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## FOT COLD FLOW IMPROVER

FOT COLD FLOW IMPROVER is a polymeric additive that improves the cold flow properties of middle distillates

### PRODUCT CHARACTERISTICS

Colour: Yellowish hazy liquid  
Density, 20° c: Approx. 0.88 g/cm<sup>3</sup>  
Flash Point: 40 - 50°C  
Viscosity: < 100 mm<sup>2</sup>/s  
Pour Point: Approx. -15°C  
Solubility: Soluble in hydrocarbon solvents



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