

TECHNICAL DATA SHEET

DESCRIPTION

MECSO**FLOW W** serie is intended for improving the cold flow properties of middle distillates. Both the CFPP and Pour Point of diesel and light heating oils can be considerably reduced.

The product also improves paraffin wax crystal dispersancy in diesel fuel and light heating oil when stored below the cloud point. This is achieved by a further reduction in crystal size and prevention of wax agglomeration, which in most cases allows the diesel to be stored for several days below cloud without significant wax sedimentation.

COMPOSITION

Polymer composition in high boiling hydrocarbon solvent. Insoluble in water and methanol.

TECHNICAL PROPERTIES

The typical properties of MECSO**FLOW W** series are listed in below table.

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| APPEARANCE | Brownish to dark brown, clear to hazy viscous liquid |
| SPECIFIC GRAVITY at 40°C, kg/m ³ | Approx. 900 |
| POUR POINT, °C | About 18 |
| FLASH POINT, °C | Approx. 56°C |
| VISCOSITY at 40°C | About 250,0 mm ² /s (cSt) |

APPLICATION

- According to the characteristics of the particular middle distillate 250-500 ppm of MECSO**FLOW W** is usually sufficient to achieve the desired CFPP and/or Pour Point response, and good dispersion of wax crystals. Higher dosages up to 1000 ppm may also be used while observing the recommended blending conditions. The dosage rates required are very dependant on the characteristics of the middle distillate to be treated.
- MECSO**FLOW W** series totally soluble in aromatics (e.g. xylene, naphthas). For kerosene, stability tests are advisable. Insoluble in water and methanol.
- MECSO**FLOW W** can be dosed undiluted at gas oil temperatures down to 30 °C depending on the characteristics of the gas oil into which it is doped. At lower temperatures a dilution with aromatic naphtha (ratio 1:1 to 1:3) is recommended. The middle distillate should be at least 10 °C above its cloud point at the time of additive injection.

PACKAGING AND STORAGE

MECSO**FLOW W** comes in heated road tanker/tank container or 200 l steel drums.

The product is intended for technical use only. Avoid physical contact. Use gloves and goggles for protection. During transport in road tankers the product is heated to temperatures up to 60 °C and may cause burns if spilled to the skin. Product should be washed off with soap and plenty of water. If splashed in the eye rinse with copious quantities of water. Keep containers closed when not in use.