

### TECHNICAL DATA SHEET

#### DESCRIPTION

MECSOCOKE increases high – temperature stability of petroleum crudes and fuel oils due to dispersion coke, asphaltenes and paraffins. Has strong demulsifying properties. Effective for comprehensive protection of furnace coils and transfer lines under conditions of high-temperature processes from the formation of coke deposits (like vacuum distillation of fuel oil, viscosity breakers or thermal crackers).

#### COMPOSITION

Mixture reaction products of polyalkenyl succinanhidride derivatives in high-boiling aromatic solvent.

#### TECHNICAL PROPERTIES

The typical properties of MECSOCOKE are listed in below table.

APPEARANCE	Homogeneous liquid from light yellowish to light brown
SPECIFIC GRAVITY at 50°C, kg/m <sup>3</sup>	910-970
POUR POINT, °C	Not above minus 10
FLASH POINT, °C	Above 61°C
VISCOSITY at 50°C	About 40,0 mm <sup>2</sup> /s (cSt)

#### APPLICATION

- The Trial program for using the MECSOCOKE is developed individually based on preliminary studies of crude quality.
- Typical additive dosage ranges of MECSOCOKE from 10 to 50 g/t of high-temperature flow, depending on characteristics of the crude and the content of coke particles and asphaltenes.
- The best result is achieved by pre-treatment of metal surface with the passivation agent MECSOPRIME and in combination with polymerization inhibitors MECSODISP

#### PACKAGING AND STORAGE

MECSOCOKE additive can be supplied in bulk in tank-containers, as well as in IBC cubes and metal drums.

The product can be stored in closed containers almost unlimited time.

Avoid skin contact and inhalation product vapor. Use gloves when working and safety glasses. In case of contact with skin, wash off plenty of water and soap. In case of contact with eyes, rinse with plenty of water. and consult a doctor. Open containers with care, gradually reducing internal pressure. Containers keep closed and avoid getting into the product water. Keep away from fire and sparks. mixed effectively.