

TECHNICAL DATA SHEET

DESCRIPTION

MECSOCET is a diesel ignition improver additive designed to raise the cetane numbers of distilled fuels. It used to improve diesel ignition properties, provides quicker low temperature starting while reducing smoke and lessening noise. Upon the addition heating oil fuels are upgraded therefore increasing the refinery flexibility. Expensive blending components can be eliminated. The operation of the diesel engine will be smoothened. This additive chemically alters the combustion process in a diesel engine, provides fuel benefits and refiners with an economical way to optimize the output of a refinery.

COMPOSITION

Nitrogen-containing organic compound with extra-low water content.

TECHNICAL PROPERTIES

The typical properties of MECSOCET are listed in below table.

APPEARANCE	Colorless to pale yellow liquid
SPECIFIC GRAVITY at 15°C, kg/m ³	960
Acid content (as HNO ₃)	max. 0,003% (≤ 30 ppm)
FLASH POINT, °C	Above 74°C
Dynamic Viscosity at 20°C	1.7 mPa/s

APPLICATION

- Dosage of MECSOCET is dependant on the fuel and the desired cetane number increase. Normally in the range of 0,02-0,2% by weight can give an increase of 4-7 cetane numbers.
- Maximal recommended handling temperature: 60°C
- Maximal recommended storage temperature: 40°C

PACKAGING AND STORAGE

MECSOCET additive can be supplied in road tanker/tank container, plastic IBCs 975 kg or 200 l steel drums.

MECSOCET additive can be stored for at least two year. Store in a ventilated area in tightly closed containers equipped with means of preventing the product from reaching 100°. May explode at high temperatures.

Keep away from heat, sparks and open flame. Do not smoke. Empty containers may hold gases that form explosive mixtures with air.