



eni ASTER TA/E

eni ASTER TA/E is a not water miscible, chlorine free high performance processing fluid with low oil mist based on mineral oil.

Characteristics (typical figures):

ASTER TA/E		Unit	Test method
Viscosity/40°C	17	mm ² /s	DIN 51 562
Density/15°C	890	kg/m ³	DIN 51 757
Flashpoint	200	°C	DIN ISO 2592
Copper corrosion	1B	Corr.- grade	ASTM D 130
Pour point	-9	°C	DIN ISO 3016

Properties and Performance:

- based on highly refined base oils with excellent rinsing properties
- no discoloration respectively specking at machines and workpieces
- very good ageing stability
- chlorine free, low in aromatics, good corrosion protection
- low viscous processing oil with low oil mist

Applications:

eni ASTER TA/E is especially suitable for the machining of alloyed steels and non-ferrous metal with machine tools of the manufacturers Davenport, Gildemeister, Tornos, Index etc., also suitable for gear cutting operations with Gleason machines. It is approved for heavy grinding operations (section grinding) with Kapp processing machines.

Information:

Observe the valid VDI Guidelines 3035 and 3397 (1 - 3>) when using the product. To maintain the function of a cooling lubricant the product has to be stored frost free.

The product is a water hazardous liquid.

The BGR 143 - Operations with cooling lubricants - has to be observed for safe handling.

For specific technical questions please contact our technical department. Get information in reference to our training seminar about the subject cooling lubricants.