

CURTIS HiSpeed 441 Eco

Description

CURTIS HiSpeed 441 Eco is a water-miscible coolant lubricant and contains mineral oil, synthetic fatty acid esters, alkanolamine soaps as well as new compounds of raw materials.

Technical data

concentrate	
colour:	yellow
density (15 °C):	0,92 g/cm ³
mineral oil content :	approx. 40 %
Emulsion	
Appearance:	opal - milky
pH-value (5%ig):	> 9,5
Corrosion test (Filter/cast-iron chips):	Corrosion free from 4% (DIN 51360/2)

refraction factor: 1,0

Operational areas / Applications

CURTIS HiSpeed 441 Eco is usable for general machining operations on steel (low alloy / high-alloyed steel) and aluminium materials as well as non-ferrous metals (mixed processing). The product can also be used for grinding operations.

operation	Recommended concentration for use
machining (turning, milling, drilling, thread cutting,) of steel alloys	from 6% to 10%
of aluminium alloys	from 6% to 12%
grinding of steel	from 5% to 7%

Mixing with water should be realized with a mixing unit.

Special features

- ✓ *Excellent flushing/cleaning effect*
- ✓ *Low drag-out*
- ✓ *Good life time with stable pH-range*
- ✓ *Free of bactericides*

Technical data are representative values. All recommendations are without any obligation. Users should verify current specifications with Curtis and ascertain that products as supplied are suitable for intended applications.

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