

CURTIS HiSpeed 400 FF

Description

CURTIS HiSpeed 400 FF is a water-miscible high performance coolant lubricant and contains synthetic fatty acid esters, anionic and non-ionic emulsifiers and inhibitors.

Technical data

concentrate	
colour:	orange-brown
density (15 °C):	0,98 g/cm ³
mineral oil content :	0 %
Emulsion	
Appearance:	opal
pH-valuet (5%ig):	approx. 9,3
Corrosion test (Filter/cast-iron chips):	Corrosion free from 5% (DIN 51360/2)

refraction factor: 1,2

Operational areas / Applications

CURTIS 400 is usable for medium – heavy machining operations on steel (low alloy / high-alloyed steel) and aluminium materials as well as non-ferrous metals (mixed processing). It is also applicable for light – medium forming (punching / drawing) operations.

operation	Recommended concentration for use
machining (turning, milling, drilling, thread cutting, reaming, broaching)	
of steel alloys	from 6% to 10%
of aluminium alloys	from 6% to 12%
Forming of steel, aluminium alloys	from 10 % to pure

Mixing with water should be realized with a mixing unit.

Special features

- ✓ *High performance coolant lubricant*
- ✓ *Improvement of the surface quality of the work piece and tool life*
- ✓ *Excellent technical stability*
- ✓ *Free of formaldehyde releasers*

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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