



Art.No 2850 - 04

Vasco 5000

Description Vasco 5000 is a chlorine-free, water miscible, ester-oil based, high performance cutting fluid.

Range of application High performance cutting fluid for difficult to machine materials as e.g. titanium or inconel and for heavy duty machining of cast iron, steel, aluminum alloys, brass alloys

Product properties

Excellent cutting performance due to properties of ester



very long tool life for toughest operations and materials excellent surface finishes

Vegetable oil-base ester



renewable raw materials biodegradable

Good rinsing behaviour



clean machines economical through low consumption

Only for soft water



rarely foam formation in soft water

Benefits

Physical-chemical data

Concentrate

Colour	light brown
Mineral oil content	0%
Ester content	52%
Water content	0%
Density at 20°C	0.96 g/cm ³
Viscosity at 40°C	90 mm ² /s
Flash point	180°C
pH-value	
Refractometer factor	

Emulsion

milky, beige

Note

The product does not contain*:

Mineral oil, chlorine (without active addition of chlorinated EP additives), boron, secondary amine, silicone, formaldehyde, nitrosamine, glycol ether.

*The substances listed here are not part of the formula, but trace amounts of these substances may be present.

Concentration of use

Variable concentrations from	5 - 15%
Best results machining operations	7 - 10%

The use of soft water with a hardness of max. 5° dH / 9° dH / 90 ppm ist recommended for new filling and topping us.

Information contained in this data sheet is based upon the properties and applications of use as known to us. However, generally no legal liability may be deducted from such information.

0641 03.08.2015 V 08