

Art.No. 02860-02

Vasco 6000

Description

Vasco 6000 is a water-miscible metalworking fluid based on ester oil, free of boron, formaldehyde and chlorine. This modern universally applicable product with a high proportion of additives has been specially developed for demanding conditions of general machining. The stability of this resilient coolant ensures an extremely robust performance. Additionally, its specific lubricating properties guarantee the finest surfaces, at the same time maintaining cleanliness of parts and machines.

Suitable for central systems as well as individually filled machines.

Range of application

For general to heavy machining of titanium, nickel-based alloys, alloyed steel, steel, cast steel, cast iron and cast aluminium alloys (AISi 6/12)

A water hardness of 5° is recommended for optimal foam behavior.

Product properties		Benefits
High cutting performance thanks to the properties of ester oil	>	High machining volume and best surface quality even for heavy operations and materials
Low foam formation from 5°dH (90 ppm) onwards	>	High pressure applications For soft and hard water
Excellent rinsing behaviour	→	Clean parts and machines Economical due to low consumption
Free of bactericides	→	Good human and skin compatibility

Colour Mineral oil content

Density at 20°C Viscosity at 40°C

Flash point

pH-value

Refractometer factor

Physical-chemical data

Concentrate	Emulsion
light brown - orange	milky
n/a ester based	
0.99 g/cm ³	
42 mm ² /s	
129°C	
	8.9 – 9.5
	1.5

The product does not contain:* Note

> Mineral oil, Chlorine, hard Metals, Boron, secondary Amines, Silicones, Bactericides, Formaldehyde, Nitrosamines, Glycol ether.

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

Recommended Antifoam: Additive A38 art. 29182-01.



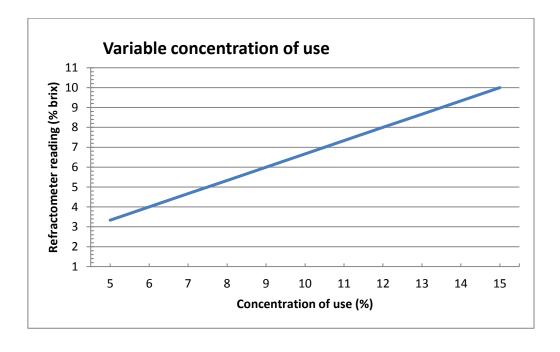
Concentration of use

Variable concentrations from 5% to max. 15%. (refractometer reading: 3.3 – 10.0%)

- Best cutting performance machining: 8% - 15% (refractometer reading: 5.3 - 10.0%)

This product is limited suitable for grinding applications, please contact our customer service / sales department.

For the first filling we recommend to use water with a minimum hardness of $5^{\circ}dH$ (90 ppm), to get an optimal foam behaviour.



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. V04 // 05.07.2018

