



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

High cutting performance thanks to the properties of ester oil →

Low foam formation from 5°dH (90 ppm) onwards →

Excellent rinsing behaviour →

Free of bactericides →

Benefits

High machining volume and best surface quality even for heavy operations and materials

High pressure applications
For soft and hard water

Clean parts and machines
Economical due to low consumption

Good human and skin compatibility

Physical-chemical data

Concentrate

Emulsion

Colour	light brown - orange	milky
Mineral oil content	n/a ester based	
Density at 20°C	0.99 g/cm ³	
Viscosity at 40°C	42 mm ² /s	
Flash point	129°C	
pH-value		8.9 – 9.5
Refractometer factor		1.5

Note

The product does not contain:*

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°dH (90 ppm), to get an optimal foam behaviour.

