



Art.No. 2870-01

Vasco 7000

Description

Vasco 7000 is a chlorine, boron, formaldehyde and zinc free, water miscible, high performance cutting fluid, which is ester-oil based.

Range of application

High performance cutting fluid for difficult to machine materials as e.g. titanium, nickel based alloys or cobalt chrome alloys, as well as for heavy duty machining of cast iron, steel, aluminum alloys. Also applicable for grinding operations.

Product properties

Excellent cutting performance due to properties of ester oil →

High stability in hard water →

Good rinsing behaviour →

For high pressure conditions →

Free of bactericides →

Benefits

high machining volume
for toughest operations and materials
excellent surface finishes

Low foam

clean machines
economical through low consumption

low foaming behaviour, thereby stable machining processes

good human and skin compatibility

Physical-chemical data

Colour
Mineral oil content
Density at 20°C
Viscosity at 40°C
Flash point
pH value
Refractometer factor

Concentrate

light brown
0 % ester based
0.98 g/cm³
74 mm²/s
134°C

Emulsion

Semi-transparent

8.8 – 9.5
1.4

Note

The product does not contain:

Mineral oil, chlorine*, heavy metals, boron, secondary amine, silicone, bactericide, formaldehyde, nitrosamine, glycol ether.

*Without active addition of chlorinated EP additives.

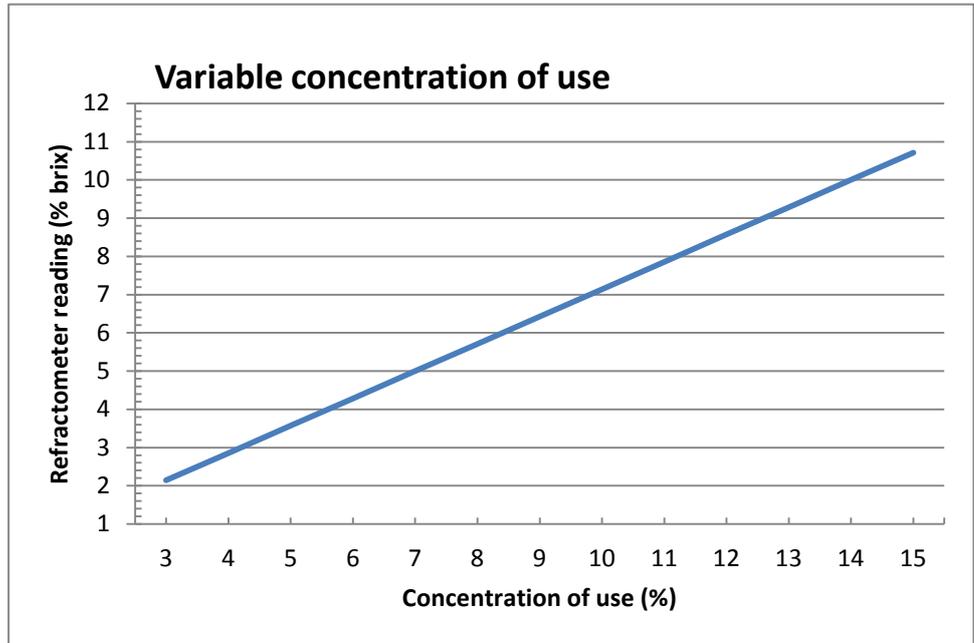
Optimal storage temperature between 0°C and 40°C.
Outside the optimal storage temperature, for example during transport, in some cases may occur inhomogeneities as flocculation or streaking, which usually does not affect the product performance. We recommend in these cases an additional homogenization of the concentrate. For inquiries, please contact your sales representative.

Recommended Antifoam: Additive A38 art. 29182-01.

Concentration of use

Variable concentrations from	3 – 15% (refractometer reading: 2.1 – 10.7)
Best results grinding operations	3 – 5% (cast iron min. 4%) (refractometer reading: 2.1 – 3.6)
Best results machining operations	7 – 10% (refractometer reading: 5.0 – 7.1)

For the first filling, as well as for topping-up the emulsion, we recommend to use water with a hardness of 15 - 25°dH / 270 - 450 ppm. By filling with soft water, we recommend to harden up to achieve an ideal foaming 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.
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