Synergy 915

Art.-Nr. 11915-03

Description

Synergy 915 is a synthetic, water-miscible, chlorine, mineral oil and ester oil free metalworking fluid which can be used in soft water, preferential deionized and demineralized water.

Range of application

Synergy 915 is a synthetic high performance metalworking fluid. It is applicable for low to heavy duty machining and grinding of cast iron, steel alloys and other hard materials. It is also applicable for machining ceramics and composites (CFK). It is not applicable for machining of aluminium.

Benefits		Product properties
Stable processes with high removal rate	➔	High cutting performance
Ideal for modern machines with high pressure conditions and highest cutting speed (high rpm)	➔	Very good foaming behaviour
No oily residues, very low consumption (nearly dry chips)	➔	Outstanding rinsing behaviour
Easy handling - even without mixing device	➔	Easy miscibility with water

Physical-chemical data

	Concentrate	Emulsion
Appearance	clear	transparent
Mineral oil content [%]	0	
Density at 20°C [g/cm³]	1.064	
Viscosity at 40°C [mm²/s]	16.4	
Flash point	>120	
pH-value (fresh emulsion, typical value)		9.2
pH-value (in use)		8.9 - 9.4
Refractometer factor		1.7

ISO 9001/14001/21469 OHSAS 18001 certified

Blaser Swisslube AG
CH-3415 Hasle-Rüegsau • Tel. 034 460 01 01 • Fax 034 460 01 00
www.blaser.com

Safety and environmental aspects

Please refer to the product-specific safety data sheet (SDS) for disposal, environmental and safety information. The SDS are available for download on our website (blaser.com).

Note

The product does not contain*:

Mineral oil, chlorine**, heavy metals, boron, secondary amines, silicone, isothiazolinone, formaldehyde, nitrosamines, glycol ether.

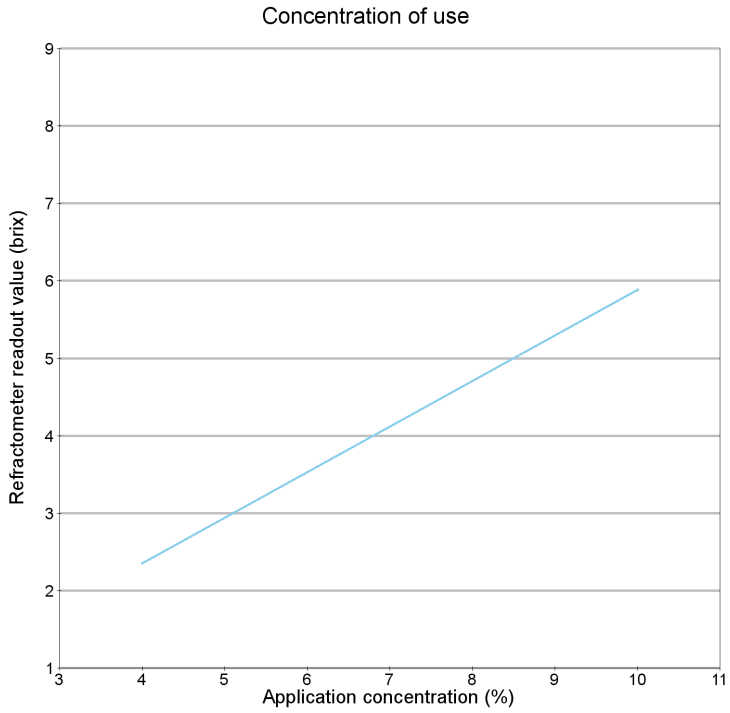
*The substances listed here are not part of the formula, but trace amounts of these substances may be present.

**Without active addition of chlorinated EP additives.

Synthetic coolants tend to more residues when mixed with hard water than with soft water

Concentration of use

Variable concentrations: 4 - 10% (refractometer reading: 2.3 – 5.8)
Best results machining operations: 7 – 10% (refractometer reading: 4.1 – 5.8)
Best results grinding operations: 4 – 8% (refractometer reading: 2 .3 – 4.7)



Blaser Swisslube AG
CH-3415 Hasle-Rüegsau • Tel. 034 460 01 01 • Fax 034 460 01 00
www.blaser.com