

# B-Cool MC 640 CI

Art.-Nr. 11640-01

## Description

B-Cool MC 640 CI is a water-miscible metalworking fluid with a high mineral oil content. The product's distinguishing features are its high cutting performance, low-foaming properties in soft water, good stability and a low consumption.

## Range of application

B-Cool MC 640 CI is suitable for light to heavy machining of cast iron and ductile cast iron, low and high alloyed steel and stainless steel. It can be used in stand-alone machines and central systems.

### Benefits

High cutting speed, long tool life

Long sump life, low disposal costs

Ideal for high cutting speed and high pressure applications

Low consumption

Protects parts and machine even at low concentration

### Product properties

→ High cutting performance

→ High stability

→ Low foaming in soft water

→ Excellent rinsing behavior

→ Excellent corrosion protection

## Physical-chemical data

### Concentrate

### Emulsion

Appearance

slightly turbid

semi-transparent-milky

Mineral oil content [%] 43

Density at 20°C  
[g/cm<sup>3</sup>]

0.961

Viscosity at 40°C  
[mm<sup>2</sup>/s]

186

Flash point [°C]

>130

pH-value (fresh emulsion, typical value)

9.9

pH-value (in use)

8.8 - 9.6

Refractometer factor

1

**Blaser Swisslube AG**

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

**Blaser.**  
SWISSLUBE

---

**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\*: chlorine\*\*, heavy metals, boron, secondary amines, silicone, formaldehyde, nitrosamines, glycol ethers.

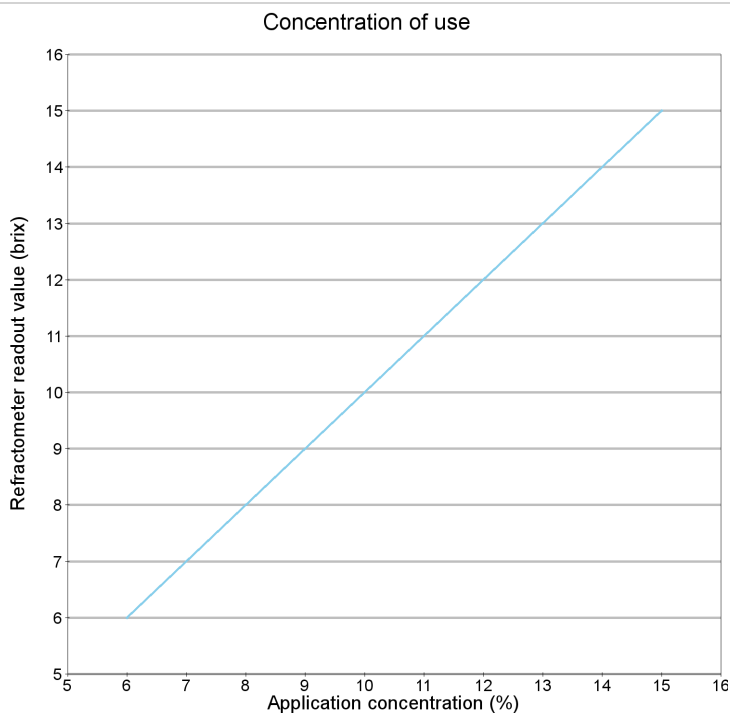
\*The substances listed here are not part of the formula, but trace amounts of these substances may be present. / \*\*Without active use of chlorinated EP additives

---

**Concentration of use**

Variable concentration from 6 to 15%

Best results machining applications from 6 to 10%



---

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. V6//24.06.2021 15:26:07

**Blaser Swisslube AG**

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

