



# LASCOL SM 15

SYNTHETIC WATER-SOLUBLE COOLING  
LUBRICANT

(index 2.2)

**GRINDING HARD METALS / ALL MATERIALS**

**HIGH STABILITY  
CLARITY**

## SCOPE

- Special abrasive for grinding hard metal.

## APPLICATION OF LASCOL SM 15

- A mineral oil free, water-soluble cooling lubricant, mainly used for grinding operations on hard metal materials.
- Suitable for the machining of steel or cast iron.

## CHARACTERISTICS OF LASCOL SM 15

- When mixed with water produces extremely stable, clear emulsions with optimized properties.
- Particularly noteworthy are the long service life, despite good skin compatibility, persistent clarity (even with hard water) and low foaming tendency.
- Mineral oil content: 0%
- Free of secondary amines, chloride, nitrite and boric acid.
- Contains cobalt inhibitor.

### PROPOSED CONCENTRATION

Grinding of steel and hard metal: mixing ratio: 3 - 4%

Grinding of cast iron: 4 -5%

### LONG SERVICE LIFE WITH EXCELLENT STABILITY

pH-value at 5% : 9.3

Refractometer index : 1.7      Density at 20 °C : 1.10 g/cm<sup>3</sup>

Storage temperature: 5 - 40°C

Storage time: 12 months

Packaging: 5 l, 10 l and 25 l canisters and 60 l and 209 l drums