



LASCOL USI PLUS

SEMI-SYNTHETIC WATER-SOLUBLE
COOLING LUBRICANT

(index 3.3)

SUITABLE FOR ALL TYPES OF MACHINING

**LOW FOAMING
HARD WATER
STABLE**

SCOPE

- Special EP-additives allow the severe machining of high alloyed steel.

APPLICATION OF LASCOL USI PLUS

- Water-soluble cooling lubricant, excellent suited for general processing.
- Extremely hard water-stable and a very low foaming tendency with different water qualities.
- Particularly selected AW additives allow machining at high cutting speeds.

CHARACTERISTICS OF LASCOL USI PLUS

- The new developed emulsifier with the well-balanced additives ensures an excellent performance spectrum.
- The positive properties are also evident in hard or extremely hard water.
- With conventional cooling lubricants, the emulsion is quickly "creaming".
- Long-term stable and ensures high corrosion protection even at low concentrations.
- Free of secondary amines and formaldehyde - low foaming.
- Mineral oil content : 40%

- PROPOSED CONCENTRATION

Light machining : 5%

Severe machining: 7.5%

Severest machining: 10%

VERY STABLE IN HARD WATER

pH value at 5% : 8.9

Refractometer index : 1.4 Density at 20 °C : 0.96 g/cm³

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