



LASCOL USI MAX

SEMI-SYNTHETIC WATER-SOLUBLE
COOLING LUBRICANT

(index 4.3)

**HIGH PERFORMANCE LUBRICANT FOR
CONVENTIONAL MACHINING**

**HIGH
PERFORMANCE**

SCOPE

- Water-soluble cooling lubricant for severest conventional machining with additional EP additives.

APPLICATION OF LASCOL USI MAX

- Active ingredients, exactly matched to the base oil ensure a good pressure absorption capacity so that steel as well as aluminium and aluminium alloys and all non-ferrous metals can be processed.

CHARACTERISTICS OF LASCOL USI MAX

- Special anti-corrosive additives ensure good corrosion protection during processing.
- Forms a particularly stable processing emulsion and is suitable for both soft and hard water.
- Particularly low foam development, even at high processing pressures.
- Free of boric acid and amines.
- Mineral oil content : 40%

PROPOSED CONCENTRATION

Machining of steel and cast iron: 6 - 10%
Machining of aluminium and non-ferrous metals: from 6%

HIGH PERFORMANCE LEVEL

pH value at 5% : 9.2

Refractometer index: 1.0 Density at 20 °C : 0.91 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