



# LASCOL TCF 50

SEMI-SYNTHETIC WATER-SOLUBLE  
COOLING LUBRICANT

(Index 3.2)

**SEVERE MACHINING OPERATIONS WITH  
NON-FERROUS METALS / ALUMINIUM**

**SKIN-FRIENDLY**

## SCOPE

- Water-soluble cooling lubricant for severe machining operations.
- Ideal for : **non-ferrous metals and aluminium.**
- Additional use on steels.

## APPLICATION OF LASCOL TCF 50

- Mineral oil containing water-soluble cooling lubricant, which is used with great success in metal processing.
- Very well suited for the machining of difficult-to-machine steels, aluminium and non-ferrous metals.

## CHARACTERISTICS OF LASCOL TCF 50

- Brownish emulsion
- Mineral oil content : 45%
- Free of amines, boric acid for severe machining, especially skin-friendly.
- The emulsions achieve long service life, ensure good corrosion protection and are particularly skin-friendly.
- A possible health hazard due to nitrosamine formation is practically excluded.

### PROPOSED CONCENTRATION

Machining of steel and non-ferrous metal: 6 - 8%

Machining of high alloyed steel and cast iron: 8 -10%

### SKIN-FRIENDLY

pH value at 5% : 9.3

Refractometer index: 1      Density at 20 °C : 0.96 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