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## **LUBRINT AL**

### **Neat oil for aluminium cutting**

#### **FEATURES**

Neat cutting oil containing mineral oil and additives with lubricating properties. It is a specific product for cutting and working aluminium and all its alloys.

- ✓ The product features low vapour pressure, which is able to minimize the emission of mists and fumes.
- ✓ It boasts good lubricating properties, which minimize the wearing of the tool, thus increasing its useful life.
- ✓ It is free of any unpleasant odours and boasts a high flashpoint, thus being safer for the operator.
- ✓ It is highly concentrated, therefore it can be diluted (at least 50%) with KEMPERSOLV 60.

**LUBRINT AI** is particularly indicated for milling, turning, and perforation on automatic and semi-automatic lathes and for all quick cutting operations for which an accurate finishing level must be obtained. The product's dilution, required also to limit the emission of fumes, must be determined according to the type of process.

#### **PHYSICAL- CHEMICAL DATA**

Aspect: liquid

Colour: clear

Density (15°C): 0.850 Kg/lt

Solubility in water: insoluble

viscosity (20°C): 2.2°E

## **LUBRINT AL READY**

Neat, clear fluid of light blue colour, free of unpleasant odours. The product features low viscosity and is ready for use, for cutting and processing any aluminium alloy.

- ✓ It boasts low vapour pressure that remarkably reduces the formation of mists
- ✓ It features good cooling properties, it lubricates and leaves a protective film on the components and machinery.
- ✓ When added to the solution, it eliminates the development of foam during the work process.
- ✓ During work processes, it does not release any harmful fumes or vapours for the operator.

Ideal for milling, turning, perforation and cutting of aluminium and its alloys, but it can also be used on all metals and low-carbon steels (that do not require EP additives).

#### **PHYSICAL- CHEMICAL DATA**

Aspect: liquid

Colour: blue

Density (20°C): 0.828 Kg/lt

Solubility in water: insoluble

viscosity (20°C): 1.3°E

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