**TECHNICAL DATA SHEET**

***Soluble lubri-coolant fluids***

***Performa***

***boron- and biocide free***

**Main features**

The Performa Due mineral lubri-coolants, without boron and biocides, are prepared to improve the impact on the environment, to protect the operators’ health and to guarantee high performance during cutting works.

**The lubri-coolants have the following characteristics:**

- boron free

- biocide and diethanolamine free

- chlorine free (Due CF)

- resistant to bacterial degradation without producing unpleasant smells, even if they are triazine bacteria free

- good skin tolerability

**Performa Due lubri-coolants diluted in water at the concentrations of use allow for:**

- recycling in single or centralised machine tool tanks

- an excellent lubricating property that guarantees a significant reduction in friction, ensuring excellent surface finishing of worked parts and longer durability of the tools

- the constant stability in water of medium hardness

- foam not to form with medium mild water

- a low degree of significant alkalinity so as not to stain the aluminium and light alloys

- an increase in machine tool performance

- a significant reduction in chemical risk

- to have higher protection against oxidation on both finished parts and machine tools

- a cost reduction in oil disposal

**Field of application**

**Performa Due lubri-coolants are specific for:**

- replacing oils containing boron, amines and biocides

- drawing operations on all metals, even with boring machines or precision boring machines on aluminium and/or its alloys

- arduous removal operations on alloyed steels

- AVP working

**The peculiar formulations of Performa Due mineral lubri-coolants are free from:**

- boron and amine compounds

- diethanolamine and nitrosamines

- formaldehyde and its donors

- nitrites and their donors

- E.P. additives containing sulphur - phosphorus - zinc

- Polychlorinated biphenyl and Terphenyl

- ZnDTP

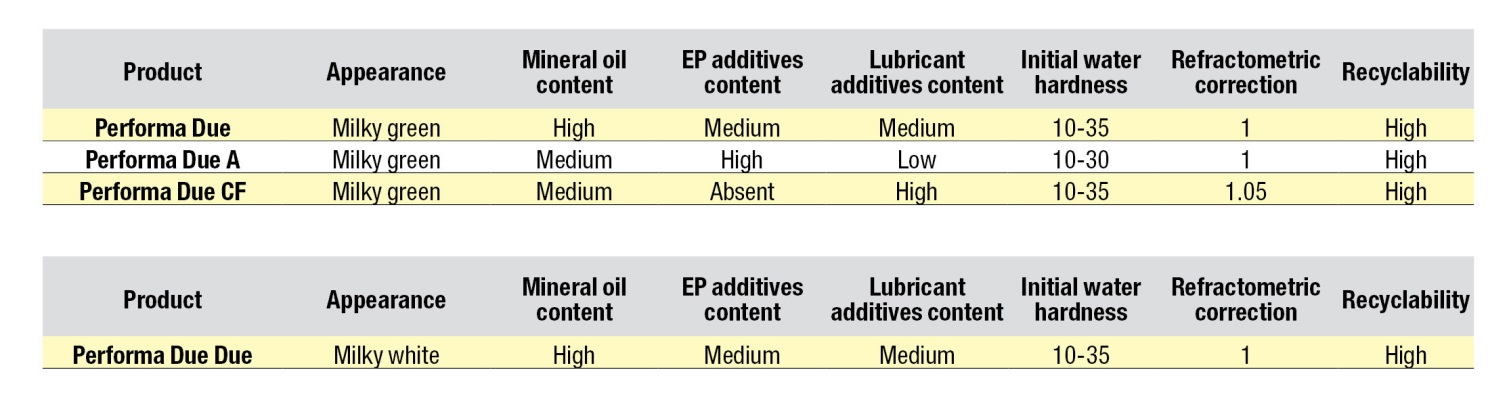
**TECHNICAL DATA SHEET**

***Soluble lubri-coolant fluids***

***Performa***

***boron- and biocide free***

**Main characteristics of multi-purpose preparations**



**Application guide**

