



## **Aral Sarol 330**

### **Water miscible cutting fluid**

#### **Applications:**

Aral Sarol 330 is a mineral oil based, amine and boric acid free, water miscible EP cutting fluid, that is universal usable form is for sophisticated machining operations of steel and cast iron as well as for cutting operations on aluminum.

Mixing with water gives whitish fine dispersive cutting fluid emulsions, with a high emulsion stability. This products has a resistants ability against microorganisms, which guarantees a long emulsion life. Good cooling and lubricating properties, a good skin compatibility and an excellent surface finish, guarantee an optimal efficiency.

Aral has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Aral.

#### **Operational area:**

According to our experience, the following concentration adjustments are to be made to achieve an optimal working output:

Steel and aluminium alloy machining operations :     5%  
Cast iron machining operations:                                 6%

#### **Technical Data**

Concentrate			
Colour			brownish
Density at 20 °C	g/ml	DIN 51757	0,96
Viscosity at 20 °C	mm <sup>2</sup> /s	DIN 51562	160
Emulsion			
pH value at 2%		DIN 51369	9,0
Corrosion protection			
Chip/filter paper	Korr. Grad.	DIN 51360-2	0 ab 5%

#### **Remarks:**

Preparation of the emulsion occurs by pouring into drinking water, and thoroughly stirring by hand or with the aid of automatic mixing device.

Refractometer factor: 0,9

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All data is subject to development for the product and the production process.

Version-No.: IS0004