



## Aral Emulsol 230 EP

### Applications:

Aral Emulsol 230 EP is a very stable, high mineral content, water miscible cutting fluid. The excellent bacterium resistance and the adequate service life of the emulsions is achieved through the synergetic preservative combination. Aral Emulsol 230 EP is free from secondary amines. Through special product formulation, a formation of stable nitrosamines is not to be expected even under unfavorable conditions. The requirements of TRGS 611 are totally fulfilled.

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:

EP Aral Emulsol 230 can also be used for machining operation of aluminum alloys due to the EP formulation. The EP active substances are especially advantageous for the processing of special alloy steels since the surface quality, compared to non EP products, as well as the tool life can be improved.

### Technical Data

Concentrate			
Colour			mittelbraun
Density at 20 °C	g/ml	DIN 51757	0,92
Viscosity at 20 °C	mm <sup>2</sup> /s	DIN 51562	60
Mineral oil content	%	DIN 51417	70
Emulsion			
pH value at 5%		DIN 51369	9,1
Corrosion protection			
Herbert test		DIN 51360-1	2% S0/R0
Chip/filter paper	Korr. Grad.	DIN 51360-2	5% Note 0
Foaming characteristics			gut
Refractometer factor			0,80

### Remarks:

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

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