

MOLYDUVAL

Aqualub CS 18



Heavy Duty Cooling Fluid for Steel Cutting

An universal usable, water-miscible cooling lubricant, usable for high loaded individual and for modern high speed cutting machinery.

Properties

- * good anticorrosive properties
- * long-time stable, effects long life-time and low cost
- * free of chlorine
- * free of nitrit
- * prevents sticking
- * good skin compatibility
- * compatible with non-ferrous metals
- * easy use
- * low foam forming

Applications

- * for metal-cutting operations of steel and non-ferrous metals, universal useful

How to Use

The operation emulsion is prepared by pouring the concentrate slowly into potable water simultaneously stirring thoroughly or using an automatic mixer. The concentration of the operating emulsion can be determined by means of a pocket refractometer. The °Brix value multiplied by the refractometer value equals the concentration in %. Sometimes reading of scale is more difficult with older emulsions because of the more coarse dispersivity.

Technical Datas

Color		brown
Flash Point	°C	--
Density 20°C	kg/m³	920
Refractive Index 20°C		0,9
Color Mischung	--	white
pH-value 10% in H2O	-	9,1
Concentration empfohlene, Zerspanen von Stahl	%	8
Concentration empfohlene, Zerspanen von Guß	%	8
Concentration empfohlene, Zerspanen von Alu	%	8
Concentration empfohlene, Zerspanen von NE-Metallen	%	8
Corrosion Protection 2%	Grade	0

For further information, please see our website www.molyduval.com or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence.