



Technical fluids - Metalworking

Eurol Syncool U 6100

Fully synthetic soluble metalworking fluid with broad applicability

Description

Eurol Syncool U 6100 is a fully synthetic water soluble metalworking fluid, recommended for use with all common types of alloys and capable of the toughest metalworking processes. Among others, applications for Eurol Syncool U 6100 include grinding, drilling, sawing and more chip-forming activities.

Eurol Syncool U 6100 is suitable for use with most aluminium and copper alloys, although staining should always be checked.

To ensure smooth operation, Eurol Syncool U 6100 has excellent deterging and cooling abilities.

This mineral oil-free formulation has been composed to be resistant to any microbial growth. The resistance against microbial growth ensures both a longer fluid lifetime and no bad odour development.

Whether using soft or hard make-up water, Eurol Syncool U 6100 is a low foaming formulation, ensuring maximum cooling and protection of the workpiece and tool.

At the recommended use concentration of 10%, excellent corrosion resistance is offered. In use concentration can be monitored using a refractometer, where Eurol Syncool U 6100 gives a response of 1,3% per ° Brix.

Always add Eurol Syncool U 6100 after dosing the required amount of water and ensure continuous stirring while adding the concentrate.

Physical properties

Colour	Yellow	
Density at 20°C	1.1 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	42 cSt	ASTM D 445
Flash point	100 °C	ASTM D 93

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Eurol B.V. Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 548 61 51 65, www.eurol.com

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