Eurol Syncool G 3175

Mineral, water miscible metalworking fluid

Article number E120700 Version 1.1 12/08/2026

Product information

Eurol Syncool G 3175 is a mineral, emulsifiable fluid for non-problematic machining operations, where cooling is of primary importance. The added emulsifiers create a milky, stable emulsion when mixed with water.

Eurol Syncool G 3175 is free from both nitrites and formaldehyde donors and is used for machining (turning, drilling, sawing) various types of steel. It protects the workpieces against corrosion and has a low tendency to foam.

Add Eurol Syncool G 3175 to water with a hardness between 10° dH and 25° dH while stirring. Never add Eurol Syncool G 3175 first and water second; in this order, a stable emulsion is not formed.

Eurol Syncool G 3175 is very suitable for cutting operations of non-alloyed and low-alloyed steel on lathes and column drills. Check compatibility with yellow metals before use.

Eurol Syncool G 3175 provides 1° Brix per % in emulsion and has a recommended usage concentration of 7% in water.

Physical properties

Characteristic	Value/Result	ASTM Standard
Color	light brown	
Density at 20°C	0.90 kg/l	ASTM D 4052
Flash point	100 °C	ASTM D 92
pH	8.9	

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