

Molylub CutFluid Extra

Art.: ME-1790

Low mineral oil containing, water-emulsifiable metalworking coolant

Description:	A high performance, universal, water-miscible metalworking fluid containing solvent refined mineral oil with low PAH content, anionic and non-ionic emulsifiers and polar lubricity improvers and boric acid derivatives.	
Typical properties:	Appearance:	clear, yellow - light brown liquid
	Density at 15 °C/59 °F:	965 kg/m ³
	kin. Viscosity at 20 °C/68 °F:	approx. 230 mm ² /s
	Mineral oil content:	40 % approx.
	Refractometer factor:	1.16 % p. ° Brix
	pH at 5 % in DIN 20 water:	9.2
	Corrosion protection DIN 51360/I at 4 %:	RO/SO - no corrosion
	DIN 51360/II at 5 %:	0/1 - no corrosion
	Hard water stability 5 % in 60 °dH water:	stable, no creaming
	Salt water stability 5 % plus 0,3 % NaCl:	stable, no creaming
	Residue:	not sticky; reemulsifiable
Applications:	Universal metalworking fluid for all chipforming processes, designed for use from 4.0 % upwards. Suitable for machining cast iron, aluminium and other non-ferrous metals, with the exception of magnesium. When mixed with water of hardness 60 °dH (1080 ppm) or less, Molylub CutFluid Extrawill produce stable, opalescent emulsions with excellent wetting properties and superb cooling and detergency.	
Notes:	Classified WGK 2 in Germany - hazardous to water. Stable when stored at 10 °C/50 °F to 25 °C/77 °F for up to 9 months. Avoid frost where possible.	