



FlashScumed srl

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SOLFLUID EL-410

Solfluid EL 410 is an odorless and colorless fluid, with a high degree of purity and non-toxicity, formulated for die-sinking EDM operations.

- It is characterized by a high degree of refining and by a flash point that guarantees high safety against fire hazards.
- It has perfect transparency for constant visibility of the workpiece, excellent filterability and ability to separate metal scraps.
- It is particularly suitable for finishing and super-finishing operations where dimensional accuracy of the machined pieces is required.
- It guarantees regular functioning, duration of the electrodes, constant washing of the work area and high cooling power
- Distillation range (C°) : 228 - 245
- Supplied in 208lt (170kg) drums or 20lt (18kg) tanks.

Feature	Norm	Unity of measure	Value
Saybolt color	ASTM D 156	-	+30
Density at 15°C	ASTM D 1298	g / mL	0,764
Viscosity at 40 °C	ASTM D 445	mm ² / s	1,80
Viscosity at 20 °C	ASTM D 445	mm ² / s	2,75
Flash point	ASTM D 93	°C	100
Distillation start point	ASTM D 86	°C	228
Distillation end point	ASTM D 86	°C	245
PAH content (polycyclic aromatic hydrocarbons)	GC/MS	-	absent
Degree of purity (indirect contact with food)	FDA 178.3620 (b)	-	pass