

EKO ROLLING OIL

Non-emulsifiable mineral metalworking oil

Description-Applications

EKO ROLLING OIL is a high refined mineral oil specially designed for spark erosion machines (EDM). It is suitable for use in roughing and finishing operations, for the production of aluminium foils, and in general for metal working applications requiring low-viscosity, neat cutting lubricants.

Advantages

- Good dielectric strength.
- Low viscosity.
- Low volatility.
- High flash point.
- Excellent heat transfer characteristics.
- Good oxidation stability.
- Odour levels within acceptable limits.
- Low toxicity.

Typical Characteristics

Properties	Methods	Units	EKO ROLLING OIL
Colour	ASTM D156	-	+30
Density, 15°C	ASTM D4052	g/ml	0.795
Kinematic Viscosity, 40°C	ASTM D445	cSt	1.7
Thermal Conductivity, 20°C	-	W/m °C	0.14
Dielectric Constant, 20°C	-	-	2.10
Pour Point	ASTM D97	°C	-26
Flash Point, COC	ASTM D92	°C	103

Health and safety

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.