



PRODUCT DATA SHEET



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.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO ROLLING OIL
Colour	ASTM D156	-	+30
Density at 15°C	ASTM D4052	g/ml	0.795
Kinematic viscosity at 40°C	ASTM D445	cSt	1.7
Thermal conductivity at 20°C	-	W/m °C	0.14
Dielectric constant at 20°C	-	-	2.10
Pour Point	ASTM D97	°C	-26
Flash Point	ASTM D5950	°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.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511 and +30 210 7725 418. Advice on safe handling is provided in the Safety Data Sheet.