



PRODUCT DATA SHEET



EKO CUTTING FLUID NC 22, 32 Non-emulsifiable mineral metalworking oil

DESCRIPTION

EKO CUTTING FLUID NC 22 and EKO CUTTING FLUID NC 32 are supreme quality, non-chlorinated, non-emulsifiable, mineral oil-based lubricants, specially designed for use in heavy-duty metal cutting and machining.

APPLICATIONS

- Machining and cutting of both ferrous and non-ferrous metals.
- Also suitable for use with machine tools and slides.

ADVANTAGES

- Ensures top performance in all metal cutting and machining tasks, awarding increased tool life and improved productivity.
- Optimal resistance to oxidation and thermal breakdown, leading to increased lubricant and tool life.
- Enhanced metal part protection against corrosion and rust.
- Excellent extreme pressure characteristics.
- Light-coloured and transparent, ensuring optimum real-time monitoring of both tool and material being processed.
- Multi-purpose lubricants, suitable for a wide range of metal cutting and machining operations.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO CUTTING FLUID NC 22	EKO CUTTING FLUID NC 32
ISO Viscosity Grade	-	-	22	32
Density at 15°C	ASTM D1298	g/ml	0.873	0.875
Kinematic Viscosity at 40°C	ASTM D445	cSt	22	32
Kinematic Viscosity at 100°C	ASTM D445	cSt	4.3	5.4
Viscosity Index (VI)	ASTM D2270	-	103	102
Flash Point	ASTM D92	°C	200	216
Pour Point	ASTM D97	°C	-30	-24

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 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 5509511 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.