

ESTERION 35

Premium Synthetic Ester Neat Cutting Oil

INDUSTRIAL METALWORKING OIL

PRODUCT PROFILE

Premium neat cutting oil based on synthetic ester (>90%).
Designed for demanding machining with flood lubrication and MQL.
High lubricity supports excellent surface finish and tool life.
High flash point supports low-smoke operation.

SELECTED PERFORMANCE DATA

BASE OIL	Synthetic ester, >90%
VISCOSITY AT 40 C	35 cSt nominal
FLASH POINT	310 C
LUBRICATION	Flood and MQL

RECOMMENDED APPLICATIONS

Materials: hardening steels, steel alloys, aluminium and its alloys, titanium and its alloys, and copper alloys.

Processes: milling, turning, threading, gear machining, reaming, broaching and cold sawing. For flooded or MQL systems.

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TECHNICAL PROPERTIES

PROPERTY	METHOD	VALUE
Appearance	Visual	Clear, yellow liquid
Base fluid	Composition	Synthetic ester, >90%
Kinematic viscosity at 40 C	ISO 3104	35 cSt nominal
Density at 20 C	DIN 51757	Approx. 0.90 g/cm3
Flash point, open cup	ISO 2592 (COC)	310 C
Pour point	SDS	-17 C
Copper corrosion, 3 h / 60 C	ISO 2160	Class 1a
Mineral oil content	Composition	0%
Zinc content	Composition	0%
Chlorine / sulfur EP additives	Composition	Not intentionally added

APPLICATION & SAFE HANDLING

Use neat (undiluted) in suitably configured flood or MQL equipment.

Store sealed at 0-40 C, away from direct sunlight.

Stated shelf life: 36 months. Follow the relevant SDS.

SAUDI ARABIA / SALES & DISTRIBUTION

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