

TECHNICAL DATA SHEET

Cutting Oil ST10

Description

A high performance low viscosity neat cutting fluid designed for Swiss-type machining, with an additive content and advanced lubricity package, that gives excellent performance on ferrous and non-ferrous metals including aerospace aluminium alloys, and hard metal alloys.

Other viscosity grades are available. Cutting Oil ST15, and ST22 have the same high performance characteristics for Swiss-type machining.

Benefits

- Good thermal stability
- Anti-oxidant performance
- Cost effective
- High performance
- Multi-metal capability
- Longer oil-life
- Low gumming and varnishes
- Very economical in-use
- Arduous operations.
- Rationalisation product

Typical Physical Properties

Appearance	Amber fluid
Specific Gravity	~0.85 @ 20°C
Foaming Tendency	Low
Viscosity at 40°C	~10cSt
EP Performance	Good
Usage Concentration	As supplied

Application Method

Cutting Oil ST10 is suitable for grinding, and machining of all ferrous and non-ferrous metals. It is suitable for arduous operations on aluminium and titanium, including tapping and reaming.

Cutting Oil ST10 is based on highly saturated base oils.

Cutting Oil ST10 is designed for Swiss-type machining.