

TECHNICAL DATA SHEET

Envirocut NHP

Description

A renewable synthetic saturated ester based machining fluid designed for high performance machining of all ferrous and non-ferrous metals. The product contains a synergistic blend of ester and chlorinated additives to significantly enhance surface finish and tool-life even on difficult to machine ferrous alloys. The product is non-staining, and can be used on yellow metals.

It has been designed based on new technology chlorinated compounds that are paraffin-free to give enhanced performance and avoid current and future environmental hazard labelling.

The product is oil-free and does not have oil-mist hazard.

It has a very high flash point and fire point.

Benefits

- Excellent lubricity
- Excellent EP Performance.
- Cost effective
- Mineral oil-free
- Highly treated
- Low foam, low mist
- Excellent surface finish
- Enhanced Tool-life
- Very economical in-use
- No oil mist hazard
- Suitable for difficult alloys
- Can be used on high pressure machines

Typical Physical Properties

Appearance	Pale fluid
Specific Gravity	~1.0 @ 20°C
Foaming Tendency	Low
Viscosity at 40°C	18 cSt
Lubricity	Very High
Chlorine (elemental)	8 – 10%
Sulphur (active)	Nil
Usage Concentration	As supplied

Application Method

Super-Cut NHP is suitable for grinding, and machining of ferrous metals including difficult to machine alloys giving superior surface finish and tool-life. It can be used as a heavy duty general purpose work-shop lubricant.

Super-Cut NHP is can top-up all common neat metalworking fluids without adverse effect.

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