



Excelfluid NP

Water-mix metalworking fluid designed for general purpose machining

Product code: S007

Product Description:

Excelfluid NP is a water-mix cutting fluid which forms a milky type emulsion when mixed with water. This new improved version of Excelfluid NP possesses greater biostability for extended sump life, greatly improved rust protection, consistent pH in a variety of water types and improved miscibility (spontaneity) when added to water.

Excelfluid NP is suitable for a wide range of non-arduous machining operations on both ferrous and non-ferrous materials where a cost effective, general purpose coolant is required.

Benefits:

- Improved rust protection
- Produces a high degree of machine tool lubrication
- Suitable for a wide range of machining applications
- Improved sump life in comparison to more conventional milky soluble oils
- Low unit cost
- Easy mixing when added to water

Application:

Excelfluid NP should be used at concentrations higher than its specified corrosion break point. Maximum machining performance can be achieved at concentrations of up to 12%, however the majority of operations will be completed with concentrations in the range 5% to 10%.

Typical Test Data:

Appearance of Concentrate	Amber liquid
Appearance of Emulsion	Milky
pH @ 5%	9.2
IP 287 Corrosion Test,	2.0% v/v Break Point
Refractometer Correction Factor	1.05

Machining Operations:

General purpose machining such as milling, drilling, turning and sawing of free cutting steels and certain non-ferrous metals.

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.