



# Excellfluid EPX

Biostable milky soluble oil with EP

Product code: S024

## Product Description:

Excellfluid EPX is a water-soluble, semi synthetic, biostable extreme pressure cutting fluid for arduous machining operations on ferrous and non-ferrous materials.

Excellfluid EPX is manufactured using good levels of mineral oil, which ensure good machine tool lubrication and corrosion protection. The advanced emulsifier packaged used in Excellfluid EPX offers improved wetting characteristics, which allows for excellent work piece visibility. The boron biostable performance additives offer excellent resistance to bacterial proliferation and very high levels of extreme pressure and lubricity additives show many advantages in terms of surface finish and tool life.

## Benefits:

- High levels of EP and lubricity additives for improved machine tool lubrication
- Non staining
- Excellent wetting characteristics
- Suitable for a variety of water types
- Extremely stable with a high degree of bacterial resistance
- Low odour levels

## Application:

Excellfluid EPX is suitable for heavy duty machining on high tensile ferrous materials, aluminium alloys and other non-ferrous materials. It should be used when conventional fluids have proved incapable of providing the required performance on these materials.

## Machining Operations:

Milling, drilling, sawing, screw cutting, deep hole drilling, gear cutting and many others.

## Typical Test Data:

Appearance of Concentrate	Blue/green liquid
Appearance of Emulsion	Semi translucent
pH @ 5%	9.2
Anti-Corrosion by IP 287	2.5% Break Point
Reichert Performance @ 10%	N.R. = 19m
Refractometer Correction Factor	1.15