

FDX 580

Product code: 265406701

Tube drawing soluble oil

This product is a semi-synthetic water-soluble oil developed for the tube drawing of steel and galvanized steel. The product has been formulated to form high stable emulsions for use in individual and centralized systems.

Benefits & Advantages

- Operator acceptability
- Ideal rationalization product
- Biostatic
- Excellent service life
- Good lubrication and excellent surface finish
- High cooling properties
- Anti-corrosion protection between stages

Applications

Thanks to its alkaline buffer and the biostatic character it provides a steady pH and a good bacteria control in normal working conditions. This product can be used pure for light and medium plate drawing.

Mixing

It is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. It is recommended for tube drawing between 5-10%. For general machining from 4 to 6% and for grinding operations from 3 to 6 %. Recommended for water from 50 to 200 ppm and chloride below 0,1 gr/l.

Typical Performance Data

Typical	Value
Appearance	Amber liquid
Specific gravity @ 20 °C, gr/ml	1.05
Viscosity @ 40 °C, cSt	8
Flash point, °C	None
Sodium nitrite	Free
Chlorine content	Nil

All performance data on this Technical Data Sheet are indicative only and can vary during production.

Typical Performance Data – 6% emulsion (in tap water 150 ppm)

Typical	Value
Appearance	Translucent amber
pH	9.2
Corrosion steel and galvanized steel	No
Corrosion aluminium	No