

SUPRADRAW 411

Synthetic Copper Wire Drawing Fluid

DESCRIPTION

SUPRADRAW 411 is a concentrate dedicated to copper wire drawing applications.

SUPRADRAW 411 has excellent detergency properties and is particularly suited for copper wire drawing applications on fine and superfine wires.

APPLICATIONS

SUPRADRAW 411 was formulated to deliver performance for fine to superfine copper wire drawing operations at very high speeds.

SUPRADRAW 411 stability to metallic ions was reinforced.

SUPRADRAW 411 is a synthetic fluid which needs a complete cleaning of the machine before use.

ADVANTAGES

- Lower the risks of wire breakages.
- Very good bio-stability
- Low foaming
- Excellent surface finish
- Good filtration
- Anti-corrosion protection

TECHNICAL INFORMATION

TYPICAL CHARACTERISTICS	UNITS	STANDARDS	SUPRADRAW 411
Colour of the concentrate	-	Visual	Transparent
Specific Gravity at 20°C	-	ISO 12.185	1.069
Appearance of the emulsion	-	Visual	Transparent
pH at 5%	-	NFT 60 193	9.6
Refractometric Index	-	M15	2.1

These characteristics are given only for information and can be updated over-time.

RECOMMENDED DILUTION OF USE

- Fine copper wires: 2-4%
- Superfine copper wires: 5-7%

HEALTH & SAFETY

- Free of organo-chlorinated additives and formaldehyde releasers
- Boron free
- Good dermatological behaviour
- Storage in a frost-free and dry place