

## CADREX FL 100 S

### Deformation

#### DESCRIPTION

**CADREX FL 100 S** is a water based concentrate, free of boron especially design for deformation, stamping and fine blanking operations from medium to heavy duty.

Thanks to its reinforced Extreme Pressure properties, **CADREX FL 100 S** is suitable for operations on hard materials such as stainless steel.

#### FIELDS OF USE

The concentration varies depending on the type of deformation process and material:

- Easy to medium duty operations: 5-15%
- Heavy duty operations: 15-30%
- For some applications, use as pure concentrate

The use of **CADREX FL 100 S** is suitable on all materials.

**CADREX FL 100 S** has been developed to be used as a « loss » fluid or « recycling » fluid.

**CADREX FL 100 S** is especially suitable for deformation and stamping operations in vertical presses by spraying or drop wise.

#### ADVANTAGES

- High lubricity and Extreme Pressure properties
- High Seizing load: suitable for severe operations and gives an optimum tool life as well as an enhanced finish aspect
- Easy to remove by standard washing operations process
- Bio-stable product
- Boron free

#### TECHNICAL INFORMATIONS

| CHARACTERISTICS            | METHOD     | UNIT               | CADREX FL 100 S                     |
|----------------------------|------------|--------------------|-------------------------------------|
| Aspect                     |            |                    | Red Brown                           |
| Density at 20°C            | ISO 12.185 |                    | 0.962                               |
| Brix Coefficient           | ASTM D 445 | mm <sup>2</sup> /s | 1,5                                 |
| pH of the emulsion at 5%   | NFT 60.193 |                    | 9.3                                 |
| Recommended water hardness |            | °TH                | 5-40                                |
| Corrosion                  | D635223    |                    | 0/0 (Cu, Br and AU4G)               |
| Storage                    |            |                    | Indoor storage (5-40°C), frost free |

The specifications are given for information purposes only and may need to change.