

Iloform™ CFX 25

High Performance Neat Forming Oil

Description

Castrol Iloform™ CFX 25 is a premium low viscosity neat forming oil. It is based on a novel high performance, extreme pressure and lubricity additive package that provides excellent performance without the use of chlorinated additives.

Application

Iloform CFX 25 is used as a metal deformation lubricant for ferrous materials. The product is particularly recommended for use on multi wire machines drawing high alloy and nickel alloy steel wire of fine to medium wire sizes.

Iloform CFX 25 is also well suited for a wide variety of other forming applications, including stamping, stamp-bending and threading of alloyed and carbon steel parts.

Iloform CFX 25 is designed to be used as received.

Advantages

- Formulated without chlorinated paraffins which may help to fulfil aspects of legislative and waste treatment requirements that specify that these chemicals are excluded
- Contains innovative high performance extreme pressure additive package to significantly increase die life, to provide excellent surface finish and to minimise costs associated with die repolishing
- Excellent detergency supports removal of metallic fines and particles from dies, eliminating defects associated with particulates which results in improved surface finish, reduced scrap rate and rework costs
- Low viscosity maximises flushing effect on dies to aid removal of particulates and reduces drag out, hence reduces product consumption
- Reduces waste disposal cost and minimises corrosion risk compared to chlorinated oils
- Mild odour improves operator acceptance
- Easily filtered in service to extend service life
- Can be removed by using alkaline process cleaners, also available from Castrol

Typical Characteristics

| Description | Test Method | Units | Value |
|-------------------|------------------------|--------------------|-------------------|
| Appearance | Visual | - | Clear amber fluid |
| Density @ 20 °C | ASTM D4052 / ISO 12185 | g/ml | 0.88 |
| Viscosity @ 40 °C | ASTM D445 / ISO 3104 | mm ² /s | 28 |
| Flash Point, COC | ASTM D92 / ISO 2592 | °C | 140 |

Subject to usual manufacturing tolerances.

User Advice

Iloform CFX 25 can be easily cleaned using mild alkaline or solvent cleaners.

Iloform CFX 25 is not suitable for use on yellow metals.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

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