



Iloform™ CFX 300

High Performance Neat Forming Oil

Description

Castrol Iloform™ CFX 300 is a premium, high 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 300 is designed to be used as a metal deformation lubricant for ferrous materials. The product is particularly recommended for use in heavy duty deep drawing operations on high alloy steel and stainless steel up to 8 mm metal sheet thickness.

Iloform CFX 300 is also well suited for a wide variety of other forming applications, including demanding bar and tube drawing processes.

Iloform CFX 300 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 an innovative high performance extreme pressure additive package offering high protection against wear to enable long tool and die life and thus cuts downtime and tooling costs
- Superior adhesion and wetting performance to provide a homogenous lubricating film which delivers high parts quality with reduced surface roughness
- Reduces waste disposal cost and minimises corrosion risk compared to chlorinated oils
- Mild odour - improves operator acceptance
- Can be removed by using alkaline process cleaners, also available from Castrol

Typical Characteristics

Description	Test Method	Units	Value
Appearance	Visual	-	Orange to dark brown liquid
Density @ 15 °C	ASTM D1298 / ISO 12185	g/ml	0.96
Kinematic Viscosity @ 40 °C	ASTM D 445 / ISO 3104	mm ² /s	320

Subject to usual manufacturing tolerances.

User Advice

Iloform CFX 300 is not recommended 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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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

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