

Iloform™ CFX 6000

High Performance Neat Forming Oil

Description

Castrol Iloform™ CFX 6000 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 6000 is designed to be used as a metal deformation lubricant for ferrous materials.

The product is particularly recommended for use in stainless steel and alloy steel tube cold pilgering operations, as an internal mandrel lubricant.

Iloform CFX 6000 is also well suited for a wide variety of other forming applications, including heavy duty deep drawing, bar and rod drawing where extreme performance is required.

Iloform CFX 6000 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 that offers high protection against wear to enable long tool and die life and thus helps to cut downtime and tooling costs
- High viscosity provides homogenous and tenacious lubricating film which aids to maintain excellent performance in high throughput, or multi-stage operations to deliver a high parts quality with reduced surface roughness
- Reduces waste disposal costs and minimises corrosion risk compared to chlorinated oils
- Mild odour to improve operator acceptance
- Can be removed by using alkaline process cleaners, also available from Castrol

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear, brown liquid
Density @ 15°C	ASTM D4052 / ISO 12185	g/ml	1.03
Viscosity @ 40°C	ASTM D445 / ISO 3104	mm ² /s	6000
Flash Point, COC	ASTM D92 / ISO 2592	°C	160

Subject to usual manufacturing tolerances.

User Advice

Iloform CFX 6000 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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