



Product Data

Iloform™ CFX 160

High Performance Neat Forming Oil

No default for

Castrol Iloform™ CFX 160 is a premium, medium 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.

Castrol

Iloform CFX 160 is designed to be used as a metal deformation lubricant for ferrous materials.

The product is particularly recommended for use in heavy duty fine blanking applications of carbon steel, such as spring steel as well as for deep drawing on high alloy steel and stainless steel.

Iloform CFX 160 is also well suited for a wide variety of other forming applications, including heavy duty stamp-bending operations up to 20 mm metal sheet thickness.

Iloform CFX 160 is designed to be used as received.

- 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 provides high protection against wear to enable long tool and die life and thus cuts downtime and tooling costs
- Excellent adhesion and wetting properties to provide homogenous highly lubricating film. This results in an excellent surface finish and cleanly sheared straight edges, especially on fine blanked components of difficult geometry and sheet metal thickness up to > 10 mm
- 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

Default

Description	Test Method	Units	Value
Appearance	Visual	-	Orange - brown liquid
Density @ 15 °C	ASTM D4052 / ISO 12185	g/ml	0.94
Viscosity @ 40 °C	ASTM D445 / ISO 3104	mm²/s	165
Flash Point, COC	ASTM D92 / ISO 2592	°C	152

Subject to usual manufacturing tolerances.

Iloform CFX 160 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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