

Castrol Iloform FST 16

Chlorine free neat forming oil

Description

Castrol Iloform™ FST 16 is a medium viscosity, neat forming oil containing high levels of advanced lubricity and extreme pressure additives. It is free of chlorine and heavy metals, such as Barium.

Application

Iloform FST 16 has been specifically developed for medium duty deep drawing operations on carbon steel and stainless steel parts. The product shows reliable performance at medium steel sheet metal thickness.

The enhanced lubrication package also allows use in medium duty fineblanking applications.

Iloform FST 16 is designed to be used as received.

Advantages

- Superior adhesion and wetting performance provide homogenous lubricating film which delivers best machining results, even on difficult geometries.
- High resistance to pressure and high protection against wear enables long tool and die life and thus cuts downtime and tooling costs.
- Good cleanability and demulsifying properties enable long bath-life of subsequent cleaning processes
- Reliable corrosion protection reduces scrap rate.
- Chlorine- and heavy metal-free technology improves the environmental profile and minimises waste disposal costs.

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	–	Dark brown liquid
Density @ 15°C	DIN 51 757	kg/m ³	945
Density @ 60°F	DIN 51 757	lb/gal	7.9
Viscosity @ 40°C (104°F)	DIN 51 562	mm ² /s (cSt)	93
Flash Point	ISO 2592	°C / °F	> 170 / > 338

Ester	Sulphur	Phosphorous	Chlorine	Other
✓✓	✓✓✓	✓✓		

User Advice

Iloform FST 16 is not suitable for use on yellow metals

Iloform FST 16 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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INTERNATIONAL All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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