

Castrol Iloform HFO 10

Chlorine free forming oil

Description

Castrol Iloform™ HFO 10 is a high viscosity, chlorine free neat oil with advanced lubricity additives for outstanding EP lubrication.

Application

Iloform HFO 10 is designed for use as a heavy duty outer lubricant for hydroforming and tube bending applications on ferrous metals as well as aluminum. It is also suitable for a wide variety of other forming applications including deep drawing.

Iloform HFO 10 is designed to be used as received and can be applied via spray, brush, or roll applicators.

Advantages

- Good wetting properties and adhesiveness provides uniform lubricating film.
- Effective EP package extends die life and improves surface finish.
- Lubricating properties allow the formation of complex part geometries.
- Reliable protection against corrosion.
- Excellent demulsifying properties extends inner lube and subsequent cleaner bath life.

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	–	Clear to slightly hazy brown liquid
Viscosity	ASTM D445 DIN 51562	cSt @ 40°C (104°F)	500
Density @ 15°C (60°F)	ASTM D1298 DIN 51757	lbs/gal kg/m ³	7.8 935
Flash Point	ASTM D92	COC °F / °C	> 374 / > 190

Ester	Sulphur	Phosphorous	Chlorine	Other
✓	✓✓✓	✓✓		

User Advice

Iloform HFO 10 can be easily cleaned using mild alkaline or solvent cleaners.

Iloform HFO 10 is not suitable for use on yellow metals.

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