



Product Data

Castrol Iloform® FST 16

High-performance Fine Blanking, Stamping and Drawing Lubricant

Description

Castrol Iloform FST 16 is a chlorine-free, high-performance lubricant for deformation of hot and cold rolled steel and stainless steel parts. Iloform FST 16 is specifically developed for deep drawing and stamping, as well as fine blanking of parts up to 4 mm thick.

Advantages

- Chlorine-free to minimize waste disposal costs
- Extreme pressure additives to provide improved tool life, reduce scrap rates and minimize downtime
- Good wetting properties reduce usage and improve lubricity
- Light color and reliable corrosion protection provide good operator acceptance

Characteristics

	Unit	Test Method	Value
Appearance	-	CN-TM-007	Clear yellowish amber liquid
Viscosity	cSt @ 40°C (104°F)	-	83-102
Specific Gravity	@ 60 °F (16 °C)	CN-TM-086	0.9082 – 0.9482
Flashpoint	COC °F /°C	CN-TM-039	360°F (182°C)
Sulfur	-	-	8.3% (7.4% active)
Fat	-	-	> 20%
Chlorine	-	-	No

User advice

Iloform FST 16 is used on the most difficult deep drawing and stamping applications such as automotive door hinges and brackets, steering components, brake pads and transmission components. Iloform FST 16 has extreme pressure additives making it suitable for use on more difficult alloys such as stainless steel.

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