

Castrol Iloform FN 90

Chlorine free neat forming oil

Description

Castrol Iloform™ FN 90 is a medium viscosity, chlorine free forming oil designed specifically for cold heading operations on steel and high alloy steels.

It is a blend of high performance extreme pressure and anti wear additives, in a fully solvent refined paraffinic mineral oil.

Application

Iloform FN 90 is specially formulated for use in high severity operations in high speed, progressive cold heading machines.

It provides outstanding performance in the production of steel and high alloy steel fasteners.

Advantages

- Formulated on solvent refined mineral oil. Does not contain hazardous aromatic constituents, or chlorine.
- Contains high performance extreme pressure additives. Maximises die life and provides excellent surface finish. Minimises costs associated with die repolishing.
- Excellent detergency. Removes metallic fines and particles from dies, eliminating defects associated with particulates. Improved surface finish, reducing scrap and rework costs.
- Excellent wetting characteristics. Reduces drag out rate, hence reduces product consumption.
- Easily filtered in service, to extend service life.
- Excellent oxidation and thermal stability, extending service life.
- Low misting and fuming. Excellent operator acceptance.

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	Visual	Clear brown fluid
Viscosity @ 40°C	DIN 51562	mm ² /s	105
Density @ 15°C	DIN 51757	kg/m ³	970
	ASTM D 1298		
Density @ 60°F	Calculated	lbs/gal	8.095
Flashpoint	ISO 2592	°C	160
	ASTM D92	°F	320

Ester	Sulphur	Phosphorous	Chlorine	Other
✓✓	✓✓	✓		

User Advice

Iloform FN 90 can be easily cleaned using mild alkaline or solvent cleaners.
Iloform FN 90 is not suitable for use on yellow metals.

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Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK
www.castrol.com/industrial