



Product Data

Iloform™ PN 226

Neat forming oil

Description

Castrol Iloform™ PN 226 is a medium viscosity, chlorinated and sulphurised, forming oil. It is specifically developed for medium to heavy duty deep drawing operations.

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

Application

Iloform PN 226 is specially formulated for use in single die and progressive die presses for medium to heavy deep drawing applications. It is suitable for use on steels, stainless steels and nickel alloy steels.

Advantages

- Formulated on solvent refined mineral oil. Does not contain hazardous aromatic constituents
- Contains high performance extreme pressure, lubricity and anti wear 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
- Relatively low viscosity, provides excellent cooling on high speed, multi stage operations, whilst minimising drag out, hence reducing product consumption

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Cloudy brown fluid
Density @ 15 °C	ASTM D4052 / ISO 12185	g/ml	1.05
Viscosity @ 40 °C	ASTM D445 / ISO 3104	mm ² /s	68
Flash Point, COC	ASTM D92 / ISO 2592	°C	> 170

Subject to usual manufacturing tolerances.

User Advice

Iloform PN 226 can be easily cleaned using mild alkaline or solvent cleaners.

Additional Information

Additives	Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Chlorine	Other
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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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