

Castrol 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

	Test Method	Unit	Value
Appearance	Visual	Visual	Hazy brown fluid
Viscosity @ 40°C	DIN 51562	mm ² /s	67
Viscosity @ 100°F	ASTM D446	[SUS]	310.6
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	1004
Density @ 60°F	Calculated	lbs/gal	8.378
Flashpoint	ISO 2592	°C	> 170
	ASTM D92	°F	> 338
Pour Point	ISO 3016	°C	
	ASTM D97	°F	
Copper corrosion	DIN 51 759 T1/ASTM D130	3 h at 100°C	

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

User Advice

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

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