



Iloform PN 2405

Chlorine free neat forming oil

Description

Castrol Iloform™ PN 2405 is a medium viscosity, neat forming oil containing advanced lubricity additives. It is free of chlorine and heavy metals, such as Barium.

Application

Iloform PN 2405 is used as a metal deformation lubricant for ferrous and non-ferrous materials. The product is particularly recommended for light to medium duty deep drawing, blanking and piercing operations on aluminium and yellow metals. Iloform PN 2405 is also suitable for use in aluminium rod and wire drawing applications. Iloform PN 2405 is designed to be used as received.

Advantages

- Superior adhesion and wetting performance provide homogenous lubricating film which delivers a bright surface finish, especially on softer materials
- Enhanced lubrication package ensures long tool and die life and thus cuts downtime and tooling costs
- Low residue and good cleanability enable long bath-life of subsequent cleaning processes
- Reliable corrosion protection reduces scrap rate
- Chlorine- and heavy metals-free technology helps improving the environmental profile and minimises waste disposal costs
- Versatile, can offer opportunities for product consolidation

Typical Characteristics

Name	Test Method	Unit	Value
Appearance	Visual	-	yellow - light brown fluid
Density @ 15 °C	DIN 51 757	g/ml	0.900
Kinematic Viscosity @ 40 °C	DIN 51 562	mm ² /s	127
Flash Point, COC	ISO 2592	°C	> 190
Copper Corrosion, 3hours @ 100 °C	DIN 51 759 T1	-	1a

Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Chlorine	Other
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User Advice

Iloform PN 2405 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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