Product Data

Iloform BWN 170

Chlorine free forming oil

Description

Castrol Iloform™ BWN 170 is a low to medium viscosity, chlorine and heavy metal free forming oil. It is a mixture of extreme pressure and anti-wear additives in a solvent refined mineral oil.

Application

Iloform BWN 170 is designed for use as a light duty outer lubricant for bending and hydroforming applications on ferrous materials.
Its extreme pressure lubrication package enables the Iloform BWN 170 to be used in a wide variety of drawing, deep drawing and wire drawing applications.

Iloform BWN 170 is formulated to be used as received and can be applied via spray, drip, or flood process.

Advantages

- Chlorine and heavy metal free which may help to fulfil aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded
- Effective extreme pressure lubrication minimises metal tearing in deep drawing operations and helps improving tool and die life to cut downtime and tooling costs
- Excellent adhesiveness provides homogenous lubricating film to aid high surface finish
- Demulsifying properties help to extend hydroforming inner lubricant and cleaner bath life
- Chlorine-free formulation minimises the risk of in-process corrosion

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Dark brow n fluid
Density @ 15 °C	ASTM D1298	g/ml	0.92
Kinemtatic Viscosity @ 40 °C	ASTM D445	mm²/s	68
Flash Point, COC	ASTM D92	°C / °F	187 / 369

User Advice

Iloform BWN 170 can be easily cleaned using mild alkaline or solvent cleaners.

Iloform BWN 170 is not suitable for use on yellow metals!

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Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

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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