

Castrol Iloform BWN 141

Chlorine free neat forming oil

Description

Castrol Iloform™ BWN 141 is a low viscosity, neat forming oil containing high levels of advanced lubricity and extreme pressure additives. It is free of chlorine and heavy metals, such as Barium.

Application

Iloform BWN 141 is used as a metal deformation lubricant for ferrous materials. The product is particularly recommended for use on multi wire machines drawing high alloy and nickel alloy steel wire of fine to medium wire sizes.

Iloform BWN 141 is also suitable for a wide variety of other forming applications, including deep drawing, roll forming and stamping of alloyed and carbon steel parts.

Iloform BWN 141 is designed to be used as received.

Advantages

- Environmentally responsible formulation - does not contain hazardous aromatic constituents, chlorine or heavy metals, such as Barium.
- Contains high performance extreme pressure additives - maximises die life, provides excellent surface finish and minimises costs associated with die repolishing.
- Excellent detergency - supports removal of metallic fines and particles from dies, eliminating defects associated with particulates which results in improved surface finish, reduced scrap rate and rework costs.
- Low viscosity - maximises flushing effect on dies to aid removal of particulates and reduces drag out, hence reduces product consumption.
- Easily filtered in service - extends service life.

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	amber - light brown liquid
Density @ 15°C	DIN 51 757	kg/m ³	915
Viscosity @ 40 °C	DIN 51 562	mm ² /s	24
Flash Point	ISO 2592	°C	> 180

Ester	Sulphur	Phosphorous	Chlorine	Other
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User Advice

Iloform BWN 141 can be easily cleaned using mild alkaline or solvent cleaners.

Iloform BWN 141 is not suitable for use on yellow metals.

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