

# Castrol Iloform BWN 400

Neat forming oil

## Description

Castrol Iloform™ BWN 400 is a medium viscosity, chlorine and sulphur containing drawing oil.

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

## Application

Iloform BWN 400 is specially formulated for drawing of high alloy steel rods and bar.

## Advantages

- Formulated on solvent refined mineral oil. Does not contain hazardous aromatic constituents or heavy metals such as Barium.
- Contains high performance 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.

## Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	Visual	Clear amber fluid
Viscosity @ 40°C	DIN 51562	mm <sup>2</sup> /s	135
Viscosity @ 100°F	ASTM D446	[SUS]	
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m <sup>3</sup>	1200
Density @ 60°F	Calculated	lbs/gal	10.014
Flashpoint	ISO 2592	°C	
	ASTM D92	°F	
Pour Point	ISO 3016	°C	-10 <sup>0</sup> C
	ASTM D97	°F	14
Copper corrosion	DIN51 759 T1/ASTM D130	3 h at 100°C	4

Ester	Sulphur	Phosphorous	Chlorine	Other
✓	✓		✓✓✓	

## User Advice

Iloform BWN 400 can be easily cleaned using mild alkaline or solvent cleaners.

Iloform BWN 400 is not suitable for use on yellow metals.

Castrol, Iloform BWN, and the Castrol logo are trademarks of Castrol Limited, used under licence

INTERNATIONAL All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK  
**[www.castrol.com/industrial](http://www.castrol.com/industrial)**