

## Castrol Iloform SLZ 350

Chlorine free neat forming oil

### Description

Castrol Iloform™ SLZ 350 is a high viscosity, neat forming oil containing a blend of high performance extreme pressure and boundary lubricants. It is free of chlorine and heavy metals, such as Barium.

### Application

Iloform SLZ 350 is used as a metal deformation lubricant, particularly recommended for use in single die and progressive die presses for medium duty operations. It is suitable for use on ferrous and non-ferrous materials.

Iloform SLZ 350 can also be applied for use in stamping applications.

Iloform SLZ 350 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 and high resistance to pressure ensures long tool and die life and thus cuts downtime and tooling costs.
- Good cleanability and demulsifying properties 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 and multi-metal compatible, therefore offers potential for product consolidation.

### Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	–	Brown fluid
Density @ 15°C	DIN 51 757	kg/m <sup>3</sup>	930
Density @ 60°F	DIN 51 757	lb/gal	7.76
Viscosity @ 40°C (104°F)	DIN 51 562	mm <sup>2</sup> /s (cSt)	312
Flash Point	ISO 2592	°C / °F	> 190 / > 374

Ester	Sulphur	Phosphorous	Chlorine	Other
✓✓	✓			✓

## User Advice

Iloform SLZ 350 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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