

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 ³	930
Density @ 60°F	DIN 51 757	lb/gal	7.76
Viscosity @ 40°C (104°F)	DIN 51 562	mm ² /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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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