

Castrol Iloform TDN 4101

Neat forming oil

Description

Castrol Iloform™ TDN 4101 is a high viscosity, heavy duty forming fluid, containing a blend of high performance extreme pressure and lubricity additives, including long chain chlorinated paraffins.

Application

Iloform TDN 4101 is specially formulated for use in heavy duty deep drawing, bar and rod drawing where extreme performance is required.

It is suitable for use on medium to heavy gauge steels, alloy steels and aluminium alloys.

Advantages

- Contains high performance, extreme pressure additives, which provide very high resistance to temperature and pressure, and high resistance to wear.
Enhanced tool and die life, cuts downtime and reduces tooling costs.
- High viscosity provides homogenous and tenacious lubricating film.
Maintains excellent performance in high throughput, or multi stage operations. Consistent, high surface quality.
- Within the range of chlorinated forming lubricants it offers an improved environmental profile due to the long chain chlorinated paraffin technology.

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	Clear yellow, viscous liquid
Density at 15°C	EN ISO 12185	kg/m ³	1240
Kinematic Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	4500
Kinematic Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	70
Pour Point	ASTM D97	°C	-15

Ester	Sulphur	Phosphorous	Chlorine	Other
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User Advice

Iloform TDN 4101 can be removed by using a petroleum solvent or alkaline process cleaner, all available from Castrol.

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