



Technical Data sheet

ILS BIOSTAMP

A Biodegradable Stamping & Deformation Oil

Description

ILS BIOSTAMP is a stamping & deformation oil based on a readily biodegradable ester combined with an evaporative component providing good tool lubrication and corrosion inhibition. BIOSTAMP is non- water extendable.

Typical Applications

ILS BIOSTAMP is designed for use in both commercial stamping and pressing operations involving steel materials up to 2 mm thick. The slow drying effect provides good short term corrosion while reducing the need for downstream cleaning in many instances.

Advantages

- Reduces tool wear due to the excellent inherent lubricity and load bearing when compared to other commonly used products
- Economical application rate
- Low Odour – improved operator comfort
- HSE friendly
- >60% of the raw material used in ILS BIOSTAMP is produced from renewable resources.
- Environmentally beneficial product compared to 100% mineral oil based products
- Chlorine Free
- Non Dangerous Goods product

Typical Properties

Name	Method	Results
Description	Visual	Clear amber coloured liquid
Density @ 15 °C	ASTM D1298	0.8454
Kinematic Viscosity @ 40°C	ASTM D445	2.6 cSt
Flash Point, PMCC (°C)	ASTM D93	>70°C
Biodegradability (Calculated)	OECD 301B	>60%

Note: Data is typical and does not constitute a specification

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