



Description

Milform 10 is a low viscosity neat oil specifically developed for a vacuum or thermal de-oiling process. This lubricant is designed to extend tool life, maximise forming operations and vaporise with heat from the formed product. This characteristic eliminates the need for a post-cleaning stage by vapour or aqueous degreasing methods. Milform 10 can be removed in a vacuum furnace, CAB (Controlled Atmosphere Brazing) furnace or thermal de-oiling furnace. A unique feature to this lubricant is that it will vaporise 100% at a relatively low furnace temperature.

Application

Milform 10 multi-purpose lubricant may be used on aluminium and aluminium alloys for fin production or stamping processes, but can also be used to bend, expand and cut-off copper tubing in the manufacture of heat transfer units. The compatibility of Milform 10 with the process of vacuum or thermal de-oiling to eliminate the need for post-cleaning has become a creative standard world-wide.

Milform 10 may be applied by spray, roller, drip or brush methods.

Features and benefits

- Good die and tool life.
- Pre-tested on aluminium fin mills.
- High lubricity and wettability for drawing aluminium sheet stock.
- Safe on all copper, aluminium and aluminium alloys.
- Compatible with CAB or vacuum brazing process.
- Economical – low total cost.
- Suitable as a surface lubricant for the manufacturing of metallic articles that will have an incidental or unintended food contact, according to FDA21 CFR 178.3570 of 1 April 2004.
- Suitable as a surface lubricant for the manufacturing of metallic articles that come into direct food contact, according to FDA 21 CFR 178.3910 of 1 April 2004.

Methods of application

Milform 10 lubricant is used as received.

Physical data

Appearance	Clear, colourless liquid
Odour	Slightly petroleum-like
Density DIN51757/7 (1/1984)	810 kg/m ³ at 15°C
Viscosity	2.9 cSt at 40°C

Above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Handling and storage

Keep at temperatures between 5°C and 35°C in original container.

Packaging type

20, 200, 1.000 litre and bulk (on request).

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environmental matters when handling this product.



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