



Metaform™ FL50

Evaporative lubricant for light duty presswork operations



Description

Metaform FL50 is a high performance, evaporative lubricant specifically formulated for forming and stamping of light metallic parts (such as aluminium fin forming). Metaform FL50 is suitable for use on all metal types.

The use of Metaform FL50 removes water from the forming process and eliminates the risk of corrosion. Its evaporative nature negates the need for cleaning after use as it leaves only a very light oil residue.

Metaform FL50 incorporates advanced synthetic additives that provide excellent film strength and lubricity preventing metal to metal contact thereby reducing pick-up and scoring. The high purity base fluid is fast evaporating and exhibits minimal odour.

Features and benefits

- Provides optimum lubrication to reduce pick-up and scoring
- Evaporates at room temperature after use negating the need for cleaning
- Low residue level means it is compatible with subsequent heat treatment process
- Supplied ready to use
- No monitoring or testing required as with water based products
- Low odour, pleasant to use

Global specialists in high-performance lubricants

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927000



Cert No 2367QM8001



Metaform™ FL50

Recommended instructions for use

Metaform FL50 should be used as supplied. Application can be by drip feed, spray or roller etc.

Prior to filling dispensing equipment with Metaform FL50 it is always advisable to clean and flush to remove any previous lubricants in the system.

Pack sizes

Metaform FL50 is available in 1000 litre IBC and 205 litre drums.

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Clear and bright, colourless liquid
Odour	MSTM 10	Characteristic
Kinematic viscosity @ 40°C	MSTM 27	1.4 cSt
Aniline Point	ASTM D611	~70°C
Flash Point	MSTM 38	>60°C
Density at 20°C	MSTM 23	0.76 g.cm ⁻³
Base fluid type	-	Hydrocarbon
Solubility	Water	Insoluble
	Organic Solvent	Fully soluble

Storage

Store Metaform FL50 out of direct sunlight and protect from frost. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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