



Metaform HT-600

Synthetic lubricant for hot & cold presswork applications



Description

Metaform HT-600 is a fully synthetic lubricant specifically designed to lubricate operations subjected to high operating temperatures. It is formulated from a non-carbonising base fluid and high purity solid lubricants to ensure effective lubrication beyond the temperature range of conventional oils.

At temperatures up to 180°C Metaform HT-600 functions as fluid lubricant, at temperatures higher than this the base oil volatilises – without forming problematic carbon residue - and a film of graphite is deposited which protects components from wear. The dry graphite film is suitable for use at continuous operating temperatures up to 450°C and intermittently up to 600°C.

Features and benefits

- Excellent lubrication at extreme temperatures beyond the capability of fluid lubricants
- Fully synthetic base fluid volatilises cleanly avoiding carbon residue build-up

Recommended instructions for use

Metaform HT-600 should be used as supplied – agitation is recommended if the product has been stored for long periods. Lubrication systems should ideally be drained and flushed prior to introduction of HT-600. Metaform HT-600 should ideally be applied at a temperature below 180°C. During the initial increase to final operating temperature fuming may be observed as the base oil becomes volatile – this is normal and will cease once the oil has evaporated.

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Pack sizes

20 ltr and 205 drums

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Grey/black oil
Base fluid type	-	Synthetic hydrocarbon
Kinematic viscosity at 40°C	MSTM 27	2400 cSt
Density at 20°C	MSTM 23	1.10 g.cm ⁻³
Operating Temperature		-30°C to +600°C

Storage

Store out of direct sunlight. 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.

Issue date 05/17

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Cert No 2367QM8001