



Metachain DF-600

Synthetic lubricant for oven chains operating at extreme temperature



Description

Metachain DF-600 is a fully synthetic lubricant specifically designed to lubricate chain systems subjected to extremely 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 Metachain DF-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 chain 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

Metachain DF-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 DF-600. For optimal results chains and tracks should be cleaned during change-over. Metachain DF-600 should ideally be applied to the chain at a temperature below 180°C to enable adequate penetration. 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.

Global specialists in high-performance lubricants

Metalube Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester M44 5EG, UK
Tel: +44 (0)161 775 7771 Fax: +44 (0)161 775 7511 post@metalube.co.uk www.metalube.co.uk

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



Cert No 2367QM8001



Metachain DF-600

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 01-16

Global specialists in high-performance lubricants

Metalube Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester M44 5EG, UK
Tel: +44 (0)161 775 7771 Fax: +44 (0)161 775 7511 post@metalube.co.uk www.metalube.co.uk

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



Cert No 2367QM8001