

## Technical Data

# Metachain™ CB-121 & CB-217



## Synthetic lubricants for continuous presses

### Description

Metachain CB-121 & Metachain CB-217 are complimentary, full synthetic lubricants specifically designed to lubricate and protect the belts, rollers and chain systems of continuous composite board presses.

The base fluids have been carefully selected to deliver excellent lubrication properties at high operating temperatures. The advanced additive system minimises friction and wear and protects against thermo-oxidative degradation. This ensures that carbon deposit build-up and lacquer formation are minimised and evaporation rates are low.

Metachain CB-121 and CB-217 are designed for use on continuous presses manufactured by Messrs Dieffenbacher, Siempelkamp, SWPM, Yalian, Küster/Metso etc. The viscosity of CB-121 is optimised for belt, roller and chain lubrication. For presses other than Küster/Metso Metachain CB-217 has been specifically designed for use in the interface between the bending rod/pin/bolt and rollers.

### Features and benefits

- Excellent resistance to thermo-oxidative degradation; minimises carbon deposit build up and formation of lacquer residues
- Fully synthetic base fluids and anti-wear additives deliver outstanding lubrication at high operating temperatures
- Suitable for use on all types of continuous composite board presses
- Capable of operating at temperatures up to 250°C

### Recommended instructions for use

Metachain products should be used as supplied.

Lubrication systems should ideally be drained and flushed prior to introduction of Metachain products.

For optimal results carbon residues from previous lubricants should be removed as thoroughly as possible during change-over.

Refer to the product safety data sheet for guidance on safe handling, storage and disposal.

### Storage

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

The most up to date shelf-life information for Metalube products can be found on the certificate of analysis issued at the time of manufacture.

### Pack sizes

Product	Code	Pack
Metachain CB-121	F508625	200 Ltr barrel
Metachain CB-217	F508725	200 Ltr barrel

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927

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Property	Test method	CB-121	CB-217
Appearance	MSTM 1	Clear pale-yellow fluid	Clear yellow fluid
Base fluid type	-	Synthetic	Synthetic
Kinematic Viscosity at 40°C	MSTM 27	268 cSt	105 cSt
Kinematic Viscosity at 100°C	MSTM 27	24 cSt	12 cSt
Viscosity Index	ISO 2909	112	104
Density at 20°C	MSTM 23	0.92 g.cm <sup>-3</sup>	0.91 g.cm <sup>-3</sup>
Flash Point	ASTM D-92	>260°C	>260°C
Operating temperature	-	Up to 250°C	Up to 250°C

Note: these values are typical only and do not constitute a specification

## Limited warranty information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. We accept no liability for any loss and/or damage arising from a failure to store our products in accordance with the information contained in this technical sheet. Metalube Group's sole warranty is that our products will meet their quality control specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. To the fullest extent permitted by applicable law, Metalube Group specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Metalube Group disclaims liability for any incidental or consequential damages.

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