



METALUBE®

Lubricool™

A COMPREHENSIVE
RANGE OF LUBRICANTS FOR
NON-FERROUS WIRE DRAWING



Global specialists in high-performance lubricants

For over 30 years METALUBE® has developed and delivered high-quality lubrication solutions for specialist industrial applications. With headquarters in Manchester, United Kingdom, METALUBE® operates a fully integrated lubricant manufacturing facility, and state-of-the-art laboratory from which it delivers to customers in over 90 countries around the world.

Research and innovation are at the heart of METALUBE®, with state-of-the-art laboratories and a team of development chemists ensuring that products deliver optimum performance for customers.

Our success lies in our ability to be flexible, offering unrivalled technical and after-sales support. It is our priority for customers to run at peak efficiency – and for 30 years METALUBE® has delivered a world-class service and superior-performance products.



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Lubricool™

Water soluble lubricants for the drawing of copper and other non-ferrous wire, rolling and annealers

Introduction

For over 30 years the Lubricool™ range of wire drawing lubricants has delivered high performance lubrication to non-ferrous wire manufacturers around the world. Formulated using the latest synthetic technologies, Lubricool™ has been developed for drawing applications from rod to superfine wire. Additionally, the range includes products for the rolling of copper strip and continuous annealers

Lubricool™ is known for its characteristically consistent and reliable performance over a wide variety of operating conditions, and is currently in use by many of the world's leading cable and non-ferrous wire producers. Lubricool™ is also recognised and endorsed by many machine manufacturers, including NIEHOFF, SAMP and SICTRA.

Features and benefits

- Maximum protection for dies and cones, increasing drawing speeds.
- Superior detergency additives maintain optimal cleanliness in machine.
- Excellent emulsion stability and resistance to soap formation, maximising sump life.
- Reduces wire break frequency.
- Good resistance to bacterial and fungal attack.
- Low foaming characteristic.
- Excellent filterability on both media (paper) type and hydrocyclone systems.
- Superior anti-corrosion properties protect machine parts and wire surface.

Pack sizes

Lubricool™ products are available in 205 litre drums and 1000 litre IBCs.

The Lubricool™ Selector Chart

Product	Description	Application						Additional Benefit		
		Rod Breakdown	Intermediate	Single Fine Wire	Multi Wire	Superfine	Annealer	Enhanced Stability	Enhanced Cleanliness	Enhanced Lubrication
Rod Breakdown Range										
Lubricool 22G	Rod breakdown lubricant long proven to provide excellent performance	✓	✓	✓	✓		✓			
Lubricool 44	Natural and synthetic technology combine to provide optimum lubricity for larger rod sizes, shaped wire, (aluminium), and brass	✓	✓	✓	✓		✓			✓
Lubricool 11	Ideally suited as a universal lubricant for rod, intermediate and fine wire	✓	✓	✓	✓		✓	✓	✓	
Multiwire Range										
Lubricool 318	Multiwire lubricant long proven to provide excellent performance		✓	✓	✓	✓	✓		✓	
Lubricool 319	Higher lubrication multiwire lubricant		✓	✓	✓	✓	✓	✓		✓
Synthetic Range										
Lubricool 250B	Synthetic lubricant for high cleanliness and excellent lubrication			✓	✓	✓		✓		
Lubricool 255B	Synthetic ultrafine wire lubricant providing excellent lubrication with a capability of drawing wire down to 0.010 mm diameter			✓	✓	✓		✓		
Additional Products										
Lubricool AC	A semi synthetic additive specially formulated for use in the inline annealer systems of drawing machines where wire brightness and cleanliness are particularly important.									
Metacare NEC-50	An emulsion conditioner, which improves the cleaning power, stability, and generally revitalises the condition of Lubricool deliver greater consistency in use.									
Metacare AA	A highly active liquid corrosion inhibitor for the protection of copper wire, recommended for use where the risk of oxidation and tarnish is heightened as a direct result of climatic and process conditions.									



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