



METALUBE®

Alumol™

A COMPREHENSIVE RANGE OF
LUBRICANTS FOR HOT-ROLLING
AND WIRE-DRAWING ALUMINIUM
AND ALUMINIUM ALLOY



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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Wire-drawing lubricants for pure aluminium and aluminium alloy rod

Introduction

Alumol™ is a range of high-performance lubricants specifically developed for the drawing of pure aluminium and aluminium alloy wire. All products in the Alumol™ range contain an optimised combination of natural and synthetic lubricity additives. The Alumol™ range's high affinity for aluminium provides exceptional film strength to deliver outstanding surface finish and die life. The use of high-purity base oil and the latest antioxidant technology minimises thermal degradation and significantly extends service life.

All Alumol™ lubricants have the ability to absorb small quantities of water – preventing problems such as wire breaks and surface scratching that are usually caused by ingress of moisture.

Features and benefits

- Provides optimum boundary lubrication to protect dies and provide outstanding surface finish on drawn wire.
- Excellent resistance to thermal degradation extending service life.
- Low viscosity aids separation of aluminium fines and pumpability.
- Able to absorb some moisture without compromising lubrication performance.
- Functions well with both the FILTERMET centrifugal cleaning system and Alumol™ VRX to further extend life and maximise performance, delivering significant cost savings

Pack sizes

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

The Alumol™ Selector Chart

Product	Description	Viscosity (cSt)	Oil based	Water based	Application			Aluminium Type	
					Rod Breakdown	Intermediate	Single Fine Wire	EC Grade	Alloy
Wire Drawing									
Alumol 1000	High viscosity oil for bull blocks and die boxes	1000							
Alumol 500	High viscosity oil for non-slip machines, bull blocks and die boxes	500							
Alumol 195	Medium viscosity oil for rod break-down on high speed slip machines. Suitable for higher operational temperature and alloys	180							
Alumol 145	Medium viscosity oil for rod breakdown on high speed slip machines	132							
Alumol 80	Low viscosity oil for intermediate wire drawing	80							
Alumol 32	Low viscosity oil for fine wire drawing	32							
Soluble									
Lubricool 44	Water soluble wire drawing lubricant designed for use with aluminium	N/A							
Additional Products									
Metacare VRX	Viscosity reducer and lubricity improver for aluminium wire drawing lubricants								
Metacare EP	Lubricity enhancing additive								



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