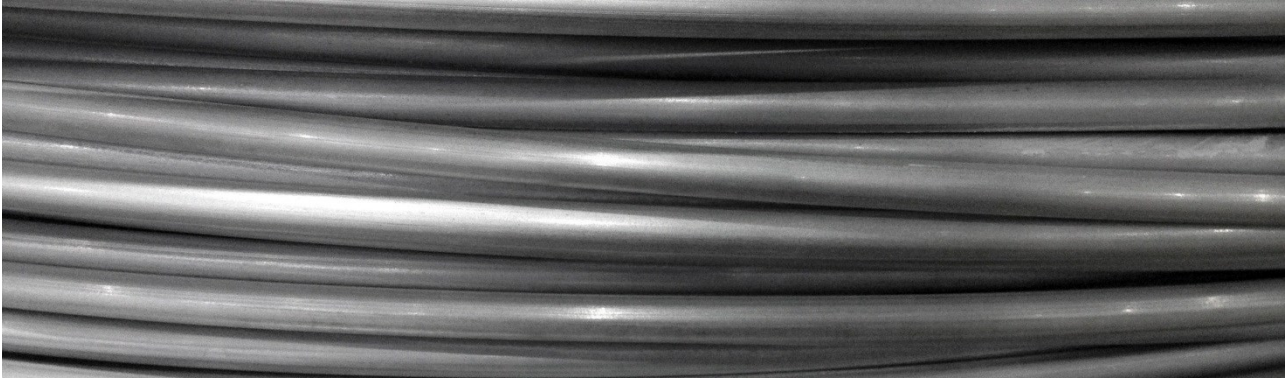




# Alumol™ 20 & 32

## Low viscosity drawing lubricants for aluminium and aluminium alloys



### Description

Alumol is a range of high performance lubricants specifically developed for the drawing of aluminium and aluminium alloy wire. All of the products in the Alumol range contain an optimised combination of natural and synthetic lubricity additives. Their 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. In addition all Alumol products 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.

The products in the low viscosity series - Alumol 20 and Alumol 32 - are particularly suitable for use on high speed slip machines for fine wire sizes. In addition they can also be used in the final die boxes of non-slip machines where a lighter residue or brighter, cleaner finish is required.

### Features and benefits

- Provide optimum hydrodynamic and boundary lubrication to protect dies and provide outstanding surface finish on drawn wire
- Excellent resistance to thermal degradation extends service life
- Low viscosity aids separation of aluminium fines
- Able to absorb small quantities of moisture without compromising lubrication performance

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



# Alumol™ 20 & 32

## Recommended instructions for use

Alumol products should be used as supplied.

Systems should be cleaned and - if possible - flushed to remove any previous lubricants or aluminium fines. A low viscosity flushing oil such as Metaclean™ FAM is preferred, aqueous cleaners should not be used.

Although Alumol is capable of absorbing small quantities of water care should be taken to minimise possible sources of contamination – check heat exchangers for leaks, store feedstocks in warm dry areas to prevent formation of condensation etc.

The use of a centrifugal filter such as Filtermet AWS will improve lubricant performance and extend service life.

The recommended operating temperature for Alumol is 35 – 55°C.

## Pack sizes

Alumol 20 is available in 1000 litre IBC. Alumol 32 is available in 205 litre drums.

## Technical data (typical values)

Property	Test method	Alumol 20	Alumol 32
Appearance	MSTM 1	Clear light brown oil	
Kinematic viscosity (at 40°C)	MSTM 27	20.2 cSt	31.5 cSt
Kinematic viscosity (at 100°C)	MSTM 28	4.2 cSt	5.7 cSt
Flash point	PMCC	185°C	195°C
Density at 20°C	MSTM 23	0.88 g.cm <sup>-3</sup>	0.89 g.cm <sup>-3</sup>

## Storage

Store Alumol products out of direct sunlight and protect from frost. 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.

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