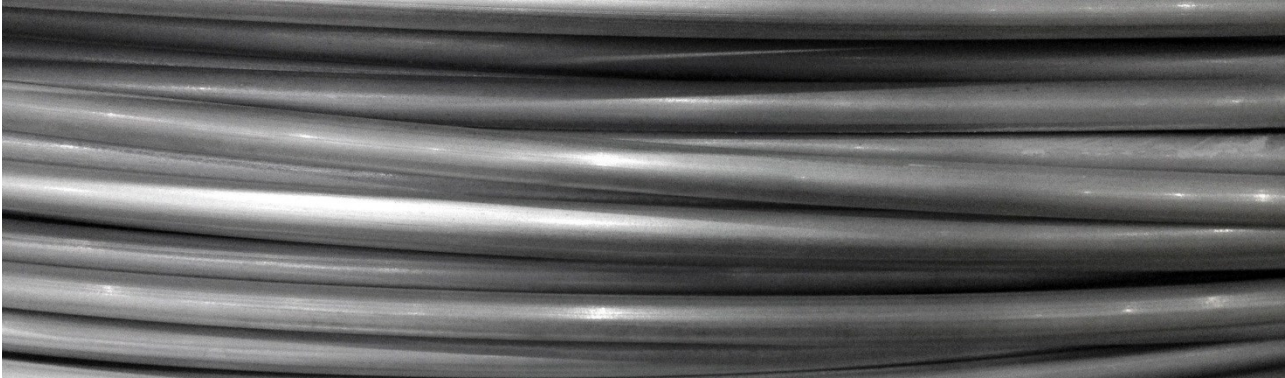




Alumol™ 500 & 1000

High 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 high viscosity series - Alumol 500 and Alumol 1000 - are particularly suitable for use in the die boxes of single and multi-die non-slip machines. Alumol 500 can also be used in slip machines operating at high temperatures where a more viscous lubricant is desirable.

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
- Able to absorb small quantities of moisture without compromising lubrication performance

Global specialists in high-performance lubricants

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



Cert No 2367QM8001



Alumol™ 500 & 1000

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

Pack sizes

Alumol 500 & 1000 are available in 205 litre drums.

Technical data (typical values)

Property	Test method	Alumol 500	Alumol 1000
Appearance	MSTM 1	Clear light brown oil	
Kinematic viscosity (at 40°C)	MSTM 27	590 cSt	1000 cSt
Kinematic viscosity (at 100°C)	MSTM 28	38 cSt	80 cSt
Flash point	PMCC	>190°C	
Density at 20°C	MSTM 23	0.90 g.cm ⁻³	0.90 g.cm ⁻³

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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