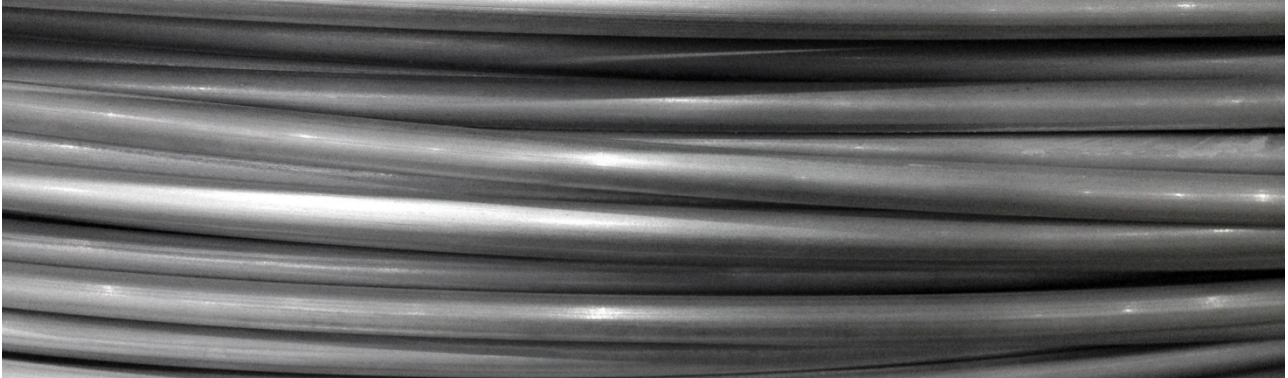




Alumol™ 32LR

Low viscosity, low reactivity drawing lubricant for aluminium and aluminium alloys



Description

Alumol 32LR is a high performance lubricant specifically developed for the drawing of aluminium and aluminium alloy wire. The use of high purity base oil and the latest antioxidant technology minimises thermal degradation and significantly extends service life.

Alumol 32LR is particularly suitable for drawing intermediate to fine sizes on high speed slip machines. The relatively low viscosity for a product of this type gives improved separation of fines and aids pumpability. The low reactivity additive system helps to promote a bright surface finish and extend oil service life.

Features and benefits

- Provides optimum hydrodynamic and boundary lubrication to protect dies and provide outstanding surface finish on drawn wire
- Excellent resistance to thermal degradation extends service life
- Relatively low viscosity aids separation of aluminium fines

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.

Global specialists in high-performance lubricants

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



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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.

During use Alumol products will increase in viscosity – predominantly due to the build-up of aluminium fines. To counteract this thickening effect and extend the service life of the lubricant Alumol VRX should be used (see separate data sheet for further information).

Pack sizes

Alumol 32LR is available in 205 litre drums.

Technical data (typical values)

Property	Test method	Alumol 32LR
Appearance	MSTM 1	Clear yellow oil
Kinematic viscosity (at 40°C)	MSTM 27	32 cSt
Kinematic viscosity (at 100°C)	MSTM 28	5.5 cSt
Flash point	PMCC	>200°C
Density at 20°C	MSTM 23	0.87 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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