

Accurately together...



ATERINA AL SERIES

Description

ATERINA AL SERIES are high performance lubricants specifically developed for the wire drawing of aluminum and its alloys. They are formulated with a carefully selected and balanced combination of natural and synthetic oiliness agents. Their high affinity towards aluminum metal surface imparts an exceptional lubricating film strength which gives superior performance in operations where excellent surface finish is required. The enhanced film strength in combination with the use of high purity base oil and the latest antioxidant technology minimize thermal degradation and significantly extend die and oil service life.

Properties / Advantages

- Provide optimum hydrodynamic and boundary lubrication to protect dies.
- Outstanding surface finish on drawn wire.
- Excellent resistance to thermal degradation.
- Very long drain intervals.
- Tolerant to small quantities of moisture without impairing lubrication performance.
- Foam-free operation.

Technical Properties

Property	Test Method	130	220
Density, g/cm ³	ASTM D 4052	0.890	0.890
Flash Point, COC, °C	ASTM D 92	266	280
Kinematic Viscosity at 40 °C, mm ² /s	ASTM D 445	130	225
Kinematic Viscosity at 100 °C, mm ² /s	ASTM D 445	12	20,4
Viscosity Index	ASTM D 2270	104	106
Foaming , ml (Seq.II)	ASTM D 892	15/0	15/0
Refractive Index	ASTM D1218	1.490	1.495
Saponification Value, mg KOH/g	ASTM D 94	30	30

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modification is reserved.

Health & Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet..

Packaging

185 kg drum, 900 kg IBC.

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