

MAK FORM AL

Description

MAK FORM AL is premium quality aluminum wire drawing lubricant containing high level of lubricity additives, which facilitate drawing / forming by providing proper lubrication between the metal and the die even at elevated temperatures. Proper lubrication is very critical for metal forming application of Aluminum and other Aluminum alloys in order to provide better surface finish and extending die life.

Application

MAK FORM AL is suitable for use in wire drawing /forming of Aluminum and Aluminum alloy. There are many applications for wire drawing which include electrical wiring, Aluminum cables, tension-loaded structural components, etc. These applications are generally found in Aluminum wire /cable manufacturing industries etc. It is Suitable for a wide range of Aluminum and Aluminum alloy metal.

Benefits

- Improved cooling
- Extended Die/tool life
- Improved lubricity
- Good film strength
- Excellent finishing

Performance Level

Proprietary Grade

Technical Specifications

Characteristics	ASTM	MAK FORM AL
Appearance	Visual	Light Brown & clear
Kinematic Viscosity at 40°C	D445	160 cSt
Flash point by COC	D 92	268 °C
Density	D1298	0.883
Pour Point	D 97	-9 °C
Copper corrosion, 100°C, 3 hrs	D 130	1a

All the mentioned values are typical which may vary from batch to batch

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided

Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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