

Oil for metal processing by deformation – aluminum drawing

ISO L-MHB

FAMAL[®] 20

FAMAL[®]

FAMAL[®] 200

FAMAL[®] oils are made from refined mineral oil. They contain corrosion inhibitors, anti-wear (AW) additives for deep drawing and synthetic polar additives.

ADVANTAGES

- Excellent cooling and lubricating properties,
- Neutral odour,
- Good adhesion to metal surfaces,
- It prevents deposits on tools,
- High quality of drawn aluminum wire,
- Good thermal stability,
- Good anticorrosion properties.

QUALITY LEVEL

ISO 6743-7, L-MHB,
ISO/TS 12927

APPLICATION

Oils FAMAL[®] are used for drawing aluminum wire by immersion and spraying on machines with single or multistage reduction for drawing speeds up to 800 m/min.

It is recommended:

FAMAL[®] 20 for drawing wire of diameter up to 0,2 mm,

FAMAL[®] for drawing wire of diameter up to 0,5 mm,

FAMAL[®] 200 for drawing wire of diameter up to 0,6 mm.

ADDITIVE CONTENT

Esters	Sulfur		P	Ca	Zn	Cl
	active	inactive				
+	-	-	+	-	-	-

TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	FAMAL®			METHODS
		20		200	
Appearance	-	clear	clear	clear	Visual
Density at 15°C	g/ml	0,890	0,900	0,900	EN ISO 3675
Kinematic viscosity at 40°C	mm²/s	20	145	200	ISO 3104
Flash point	°C	min 170	min 220		EN ISO 2592
Copper corrosion (100°C/3h)	degree	1a			EN ISO 2160

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Corrosion on steel	-	no	ISO 7120
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STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight, nor at temperatures below 0°C.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Plastic containers of 20 L and tin drums of 180 kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.

