Metalworking Oil

MAKER LAMINOX G 3000

Description

A very light fluid with a high refining level and specially selected additives. Its main application is the cold rolling of low-alloy ferritic and austenitic stainless steels with low carbon content. The combination of bases and additives produces a fluid specially suitable for cold rolling under extreme working conditions: enhanced lubricity, load capacity, resistance to oxidation with low formation of deposits and easy filtering.

Properties

• Low viscosity that provides steel with a glossy finish.
• Its fluidity and wetting ability facilitates the formation of the transfer layer, reducing use as less fluid adheres to the strip and less is retained in the filtering systems.
• Provides perfect lubrication for rollers, so that the film in the roller-strip area is not broken and a lot of heat production due to rubbing is prevented.
• Reduces the risk of stains during annealing.
• Helps oil removal if required.

Quality levels, approvals and recommendations

• ISO 6743/7 - MHB

Technical specifications

	UNIT	METHOD	VALUE
Colour	-	ASTM D1500	1
Appearance	-	Visual	Clear and bright
Density at 15 ºC	g/cm3	ASTM D4052	0,838
Kinematic viscosity at 40 ºC	cSt	ASTM D445	7.8
Kinematic viscosity at 100 ºC	cSt	ASTM D445	2,3
Flash point, open cup	ºC	ASTM D92	165
Pour point	ºC	ASTM D97	-30
4 Ball wear, print diameter (20 kg)	mm	ASTM D4172	0,63
Noack volatility, 1hr at 120 ºC	% in weight	CEC L-40-93	2
Rust, method A	-	ASTM D665	Pass
TAN	mg KOH/g	ASTM D664	0.1

The above mentioned characteristics are typical values and should not be considered product specifications.