



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
Appearance	-	Visual	Clear and bright
Colour		ASTM D1500	1
Density at 15 °C	g/mL	ASTM D4052	0.838
Viscosity at 40 °C	cSt	ASTM D445	7.8
Viscosity at 100 °C	cSt	ASTM D445	2.3
Flash point, open cup	°C	ASTM D92	165
Pour point	°C	ASTM D97	-30
Rust resistance, method A		ASTM D665	Pass
Noack volatility, 1hr at 120 °C	% in weight	CEC-L-40-93	2
TAN	mg KOH/g	ASTM D664	0.1
Four ball wear, scar diameter at 20 kg	mm	ASTM D4172	0.63

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