

# LAMINOX G 3000



INDUSTRY

Lubricants

## 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

- ISO 6743/7 category ISO-L-MHB

## Technical specifications

	UNIT	METHOD	VALUE
Appearance		Visual	Glossy and transparent
Colour		ASTM D 1500	1
Density at 15 °C	g/mL	ASTM D 4052	0.838
Viscosity at 40 °C	cSt	ASTM D 445	7.8
Viscosity at 100 °C	cSt	ASTM D 445	2.3
Flash point V/A	°C	ASTM D 92	165
Pour point	°C	ASTM D 97	-30
Steel corrosion (RUST A)		ASTM D 665	Pass
Noack volatility, 1hr at 120 °C	%	CEC-L-40-93	2
TAN	mg KOH/g	ASTM D 664	0.1
Scar diameter, 20 kg	mm	ASTM D 4172	0.63

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 1. January 2012.