

LAMINOX 1197



INDUSTRY

Lubricants

Description

A very light fluid with a high refining level and specially selected additives. Its main application is the cold lamination of low-alloy ferritic and austenitic stainless steels. There is a concentrated version of this product called Repsol Laminox 1197 C. For further information, contact our Technical Department.

Properties

- Low viscosity that provides steel with a glossy finish.
- Its fluidity and wetting ability helps the formation of a transfer layer, reducing use as less fluid sticks to the strip and less is retained in diatomaceous soil as it is filtered.
- 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	0.850
Viscosity at 40 °C	cSt	ASTM D 445	10
Viscosity at 100 °C	cSt	ASTM D 445	2.65
Flash point O/C	°C	ASTM D 92	175
Pour point	°C	ASTM D 97	-30
Saponification index	mg KOH/g		4.5
Noack Volatility, 1hr at 150 °C		DIM 51581	2.5
Cu corrosion Cu, 3h at 100 °C		ASTM D 130	1b
EP properties, 4 ball machine		ASTM D 2783	
Last load without seizing up	Kg		40
Soldering load	Kg		126
Load/wear index			17.1
Scar diameter at 40 Kg	mm	ASTM D 4172	0.49

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 2. October 2008.