



APPLICATIONS

Eni Rolling TNX is a special oil suitable for stainless steel cold rolling on Sendzimir mills.

The viscosity has been accurately defined in order to limit losses due to volatility as well as ensuring a good coolant effect, also supported by a good wetness due to the presence of polar constituents.

The balanced adhesiveness allows the formation of a continuous and persistent lubrication film that ensures an adequate reduction of the friction coefficient without causing slipping between the work cylinders and the sheet.

Eni Rolling TNX has been specifically formulated with a base oil and additives that do not give stains or spots on any type of rolled sheet.

Excellent oxidation resistance and anti-corrosive properties, highlighted by overcoming rust protection even in the presence of salt water.

Eni Rolling TNX is compatible with the filtering materials used for the filtration.

CUSTOMER ADVANTAGES

- balanced adhesiveness
- friction coefficient reduction without slipping of the rolled sheet
- absence of stain and spotting
- very high anticorrosive performances
- good cooling and wetness properties
- very good filtrability





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	850
Viscosity at 40°C	ASTM D 445	mm ² /s	12.0
Flash point (COC)	ASTM D 92	°C	165
Demulsibility	ASTM D 1401	min/cc	15-40/40/0
Rust test/B	ASTM D 665	-	pass

WARNINGS

- It is advisable to use compatible hydraulic oils such as Eni Hydraulic Oil AST 32 and Eni Hydraulic Oil TNX 46 in order to avoid contamination of the rolling oil and possible stain of the rolled sheet.

