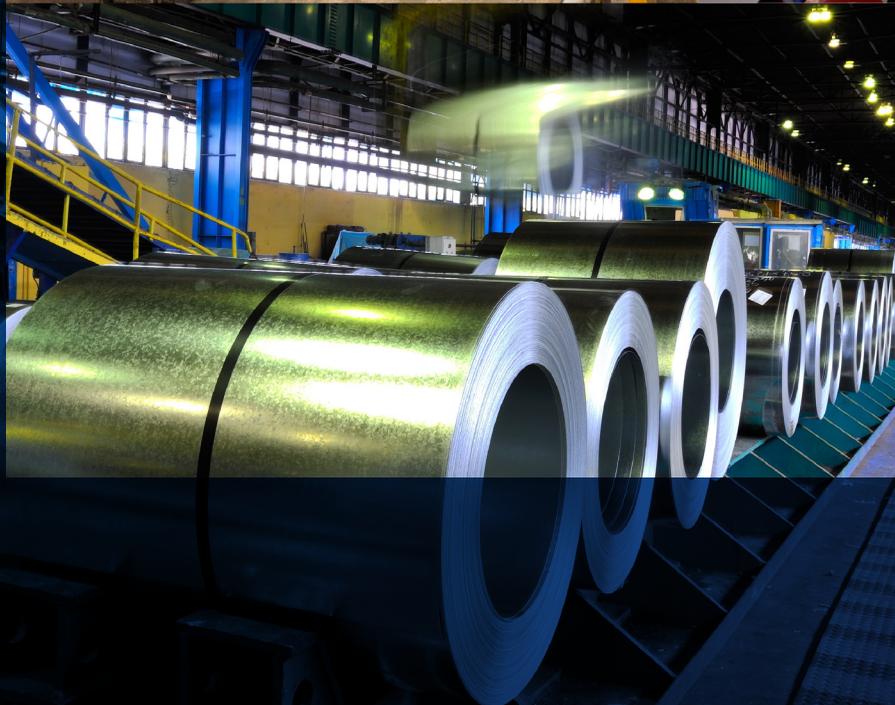
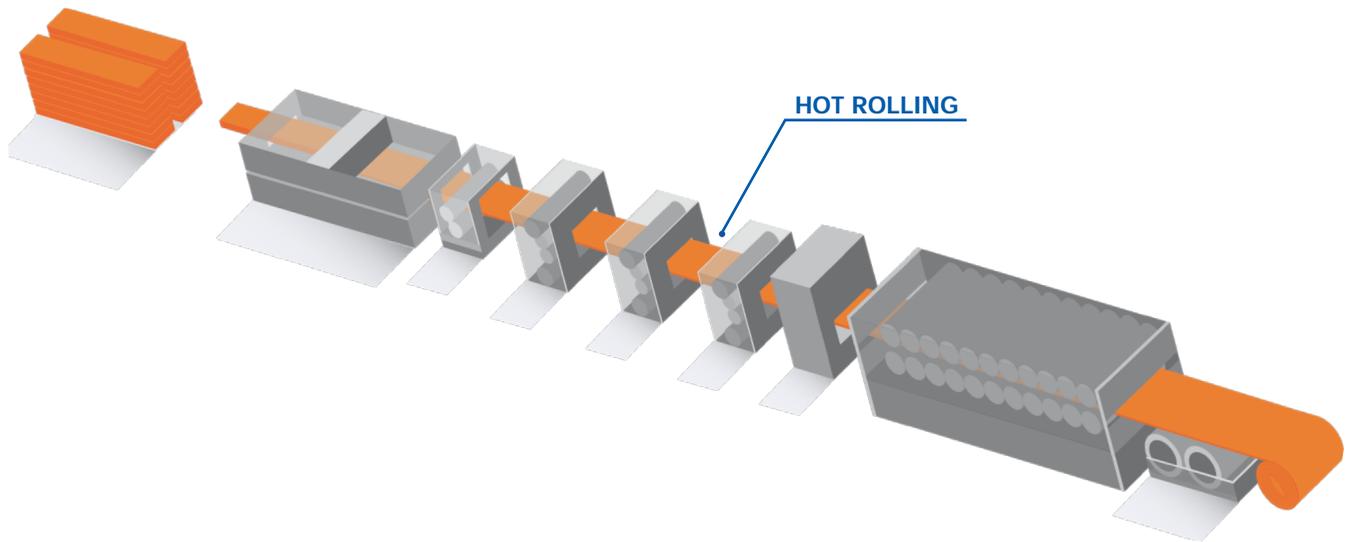


Lubricants for Steel Mills



LUBRICANTS.
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PEOPLE.



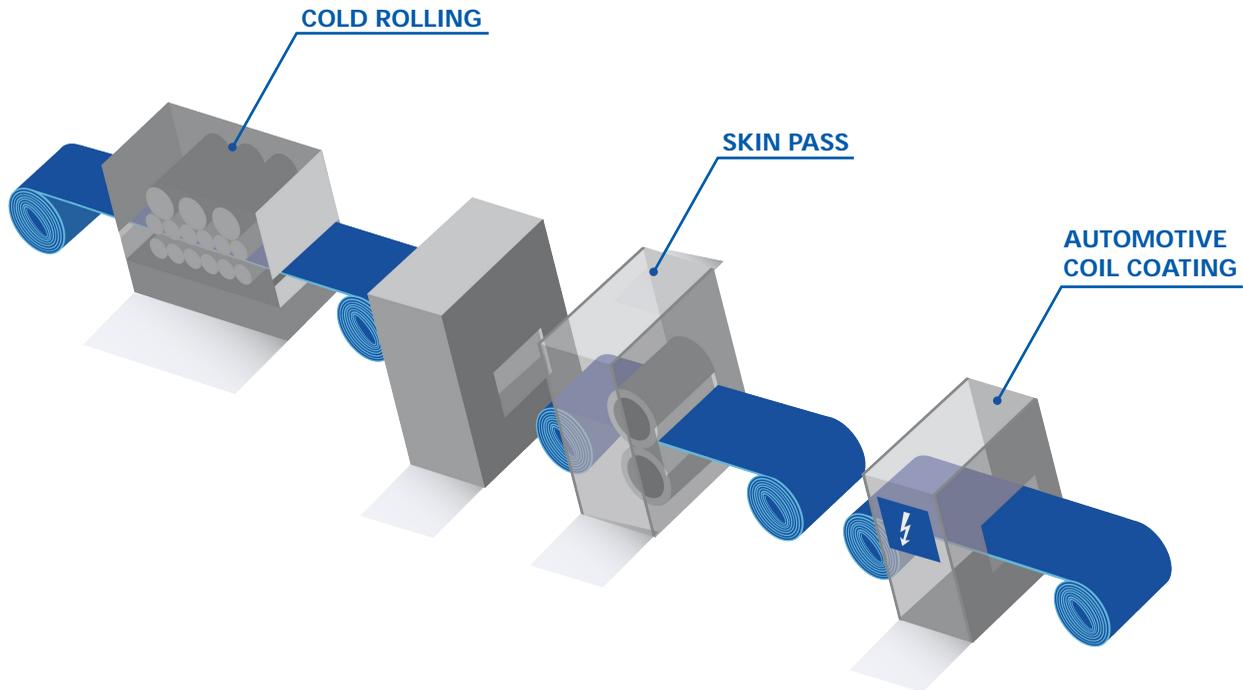


HOT ROLLING

TRENOIL H SERIES	APPLICATION	TRENOIL H Series is recommended for the center and edges of the hot-rolled steel.
	PROPERTIES AND ADVANTAGES	Very low consumption, reduction of energy and roll forces, and increased work roll life.

COLD ROLLING

TRENOIL S SERIES	APPLICATION	TRENOIL S Series are cold rolling oils for tandem and reversing mills with high reductions.
	PROPERTIES AND ADVANTAGES	<p>Excellent lubricant capacity The high quality esters allows for the rolling of materials with very thin final plate gauges.</p> <p>Excellent economic performance Excellent process cost due to emulsion stability.</p> <p>High speed rolling The latest generation of anti-wear and wetting additives ensure the maximum speed allowed in the mill while protecting the life of the work rolls.</p> <p>High level of strip cleanliness TRENOIL S Series esters burn off thoroughly before reaching annealing temperatures.</p> <p>Mill cleanliness The emulsifiers in TRENOIL S Series provide good detergency of the contact areas.</p>
TRENOIL S 700 AND S 800 SERIES	APPLICATION	Highly-stable, emulsifiable synthetic oils for the cold rolling of steels. TRENOIL 800 Series allows for simple handling even if the emulsion is unstable. TRENOIL 700 Series remain stable even with high contaminant loads.
TRENOIL T SERIES	APPLICATION	TRENOIL T Series are lubricants for tin plate cold rolling in tandem and reversing mills with or without the use of direct application systems. By using TRENOIL T Series -- the rolling mill can work at very high speeds and achieve maximum reductions with reasonable rolling loads.



SKIN-PASS

TRENOIL SP SERIES	PRODUCT	TRENOIL SP Series are nitrite, amine and boron-free skin pass rolling oils.
	APPLICATION	TRENOIL SP Series are synthetic products with an aqueous base for use in skin-pass operations.
	PROPERTIES	<p>Coolant capacity TRENOIL SP Series contains the necessary additives to provide adequate wetting for strip cooling and enhanced surface finish.</p> <p>Strip cleaning The detergent power of TRENOIL SP Series reduces strip contamination and achieves a superior quality finish.</p> <p>Corrosion resistant capacity The composition of TRENOIL SP Series provides high corrosion protection after processing.</p>

AUTOMOTIVE COIL COATING

Mill-Applied Corrosion Preventatives and Pre-Lubes	ANTICORIT RP 4107 S	A barium-free standard steel mill oil. It inhibits run-off and offers excellent indoor storage protection in condensation climates and in acidic atmospheres. Fulfills VW A 001, OPEL B 040 12470, DBL 6757.05. VDA 230-201 reference oil. It is approved by most U.S. and European-based OEMs.
	ANTICORIT PL 3802 39 S	A VDA-approved, barium-free, prelube-thixotropic corrosion preventive with good forming properties. It fulfills VDA 230- 201. It is approved for use by most U.S. and European-based OEMs.
	ANTICORIT PL 39 SX	A hot-melt, dry-film lubricant, that is highly thixotropic with very good forming properties. It fulfills VDA 230-202, and is particularly effective in forming aluminum parts.
	METALUB PL 7105 A	A conventional oil based corrosion preventative and pre-lube with excellent lubricity for stamping. It is designed to be applied by steel mills to coils as a prelube. It is approved by General Motors, Tesla, and other OEMs.

Complete solutions for all of your manufacturing processes

FUCHS is the world's largest independent manufacturer of lubricants with the most extensive program of metalworking fluids. Our comprehensive portfolio is supported by years of application engineering experience and customized solutions to benefit your manufacturing processes.



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