

Welded tube rolling mills

Forming Fluids

that give you the advantage

Today, tube rolling mills are equipped with state-of-the-art equipment that can produce a wide range of tube sizes and specifications with unparalleled accuracy. To maintain precision in a welded tube manufacturing process, it is essential to select the right tube roll forming fluids and corrosion inhibitors.

Lubricant selection is predicated on many key factors and Castrol® offers a wide range of tube roll forming fluids to meet various applications, metals, equipment type and user preference. Whatever your specific requirements are, Castrol has a solution that will help your process achieve production and customer requirements. Castrol tube roll forming fluids can achieve this by the following:

- Improve productivity, bearing life, sump life
- Reduce roll marks, downtime, and corrosion
- Achieve higher production at reduced cost
- Reduce waste, energy and water consumption to support sustainability strategies
- Rest assured that our premium fluids are also chemically compatible
- Improve reliability with automated controls, Smart Solutions

A choice to suit all needs

We offer you an innovative, comprehensive and high performing tube roll forming fluid range — along with the technical expertise to support you.

Fluid type	Fluid	Description
Roll Forming — Synthetic	Iloform® TRS 110	Cost effective for roll forming, hydro-testing, and flushing
	Iloform TRS 185	Clean running, long life, good rust protection
	Iloform TRS 285	Next generation fluid with excellent bio-resistance, very long life, excellent rust protection, and chloride-free
Roll Forming — Semi-Synthetic	Iloform TRS 90	Cost effective for auto-roll change mills with good rust protection
	Iloform TRS 100	High performance for auto-roll change mills with excellent bio-resistance & rust protection. Compatible with galvanized metals
Synthetic Test / Flush Fluid	Iloform TRS 280	Long-life, chloride-free hydro-testing / flushing fluid
Corrosion Inhibitors	Rustilo® DW 90 HF	Long-term, low VOC, low odor, oil-based
	Rustilo 4163	Cost effective, long-term, oil-based
	Rustilo 4135 HF	Long-term, high flash, low VOC, solvent-based
Cut-Off Lubrication	Ilocut® 5721	Neat oil for shear cut-offs, excellent blade life
	Performance Bio™ NC Lite	Plant-based neat oil for primary & secondary cut-off with excellent corrosion protection
Grease	Molub-Alloy® 6040/460-1.5	Excellent corrosion protection and washout resistance for roll form bearings, weld-head bearings, shaft & roll assembly lube, drive knuckles.
Gear Oils	Alpha® SP	Mineral EP gear oil for general purpose, non-worm gears
	Alphasyn™ T	Synthetic gear oil for all gear types
	Optigear® Syn 800	High performance synthetic for all gear types

Please consult your Castrol representative to learn more.