



DRY LUBRICANTS SELECTION GUIDE



VICAFIL™

As the worldwide leader in wire drawing lubricants, CONDAT offers the industry's most extensive product range, covering the full spectrum of applications. Our wide range of formulations, including sodium-based, calcium-based and mixed dry drawing lubricants are designed to meet the latest environmental and health-&-safety regulations and directives, aimed to provide:

- Reduced dust levels in the workplace.
- Compliance with latest applicable legislations.
- Sustainable and environmentally-friendly solutions.

Our range has been developed to anticipate the market trends and meet or exceed our customer's expectations by offering the following potential advantages:

- Reduced soap consumption and waste disposal (and associated costs).
- Improved 'cleanability' (e.g. replacement of calcium soaps by sodium soaps).
- Optimized productivity by increased drawing speeds.
- Improved adhesion (especially on smooth surfaces).

STEELSKIN™

A range of specialty lubricants, designed for the most demanding applications, formulated with a variety of additives, e.g.

- Extreme pressure (EP) additives (to reduce die wear).
- Graphite additives (to improve drawability).
- MoS₂ additives (to improve lubricity and reduce friction).
- Synthetic wax additives (to enhance lubricity and improve corrosion protection).

APPLICATIONS

Our range has been developed to cover the complete range of applications, including:

- Low, medium and high carbon steels (including zinc galvanized and aluminum clad).
- Stainless and nickel-based alloy steels.
- Non-ferrous materials, e.g. copper, aluminum and zinc.
- Cold rolling / roller-forming, e.g. welded mesh wire.
- Fastener industries (including nails, staples, rivets, and various CHQ fasteners).
- Spring wires (high carbon, stainless, oil-tempered etc.).
- Welding Wire (including CO₂, flux-cored and stick electrode).
- PC Strand and Rope.
- Drawing of bars (round and profiles).
- Fencing, industrial & agricultural wire.
- Tire cord and tire bead wire, etc



CONDAT

COMMITTED TO RESPONSIBLE PERFORMANCE

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unless indicated

STEEL						Stainless steel	Copper alloys	Aluminium alloys
Low carbon		High carbon		Alu clad	Galvanized			
Mech. descaled	Acid-pickled and precoated	Mech. descaled	Acid-pickled and precoated					

VICAFIL™		STEEL						Stainless steel	Copper alloys	Aluminium alloys	
		Mech. descaled	Acid-pickled and precoated	Mech. descaled	Acid-pickled and precoated	Alu clad	Galvanized				
Calcium soap based lubricants	CROCUS - X2 - TF 4407	•	•		•						Versatile for medium reductions and speeds.
	TF 132 - TF 1562	•									Wire to be galvanised, low residues.
	DECAL 600 -TF 44 - TF 812 DECAL 440	•						•			High lubricant pick-up.
	TF 239	•						•			High lubricant pick-up. Easy to remove
	X4			•	•		•				High speed drawing. Low consumption. Low dust.
	TF 1679 - X8* - TF 406	•		•	•			•			High lubricant pick-up. Very high speed drawing.
	TF 1651	•		•	•						Redrawing : first drafts. Low consumption.
	TF 1269	•		•	•						High speed drawing. Very good adherence. Low residues
	TF 124 - TF 3738 - DR				•			•			PC wire. Low dust and clean finish.
	CAULIS - CANTOR 60		•		•		•	•			Clean finish.
TF 1202 - TF 1669 - TF 1869				•		•	•			Galvanised wire. Spring wire. Very good adherence.	
LM 410 - LM 935 - LM 1120 - LAM 446	•									Cold rolling. Very low consumption.	
Sodium soap based lubricants	TN 4543	•	•								Clean finish. Few drafts. High reductions.
	TN 3851*	•	•								Good drawing ability. Good cleaning ability.
	TN 3952		•								Few reductions. 100% soluble in water : plating quality.
	TN 1700	•	•	•	•			•			Very high adherence. High lubricant pick-up.
	TN 1524		•		•			•			High speed drawing. First reductions. High cleaning ability.
	TN 1548* - TN 1678 - TN 1950	•		•				•			First drafts instead of a calcium soap. Ex : CO2 Wire.
	TN 2693 - TN 1948*		•		•			•			Redrawing. Very good surface quality (Ex: spring wire).
	SALVIA 5 - TN 1180 - SALVIA 30	•	•		•		•	•			General use redrawing. Very clean finish.
	SUMAC 3* - SANTALE 6 - SUMAC 5*	•	•	•	•		•	•			High performance requirements.
	TN 3773* - SENJA*		•					•			CO ₂ Wire
TN 21 - TN 19T3		•		•		•	•			High speed drawing. Fine wire.	
SECALE - TN 3785		•		•		•		•		Bright and clean finish.	
TN 4392 - TN 1012 - SPS 99		•						•	•	Low speed drawing. Bright and clean finish.	
STEELSKIN™ Specialty lubricants	3814 - 2408		•		•			•			Cold heading wire. Low residues.
	99 M0 - 1091		•		•						Cold heading wire. Low residues. High tool life.
	QBG 3					•		•			Aluminised steel (Alu clad)
	121 - 4165				•						PC wire.
	366							•			High drawing ability combined with a sodium soap.
	DR				•			•			Redrawing. High pick-up.
	5890										Flux cored wire.
	1629				•			•			Black finish.
	4Z							•			Flux cored wire.
3150				•		•	•			Synthetic dry lubricant.	

* : <6,5% Borax

