

**Condat SA  
Stand: 513**

With more than 160 years' of expertise, and due to the synergies of the Condat group's international structure (four production units) and technical know-how, Condat lubricants are recognised globally for wire drawing.

The company offers an extensive range covering all industrial lubrication needs in the field of cold drawing/rolling of wires and bars/tubes. Products include non-reactive coatings, dry lubricants, oils, pastes, greases, rust preventatives and degreasing products.

Drawing on knowledge and expertise, Condat teams define the most appropriate lubricant offer for the customer's application.



▲ *Low-dust lubricants from Condat*

Condat's experienced engineers visit the wire-drawing workshop to analyse the various process parameters such as metal to be drawn, surface preparation, die section, number of dies, drawing speed and final application.

This methodology enables the selection of a lubricant with a chemistry to complement the application, meaning adherence, fat content, grain size and form, thermal profile and additives of the wire drawing lubricant are optimised.

Condat's specific methodology for lubricant selection is applicable for all types of dry drawing lubricants, whether pure calcium soap-based lubricants, pure sodium soap-based lubricants or a mixture of soap types.

It is also appropriate for all types of wire preparation and applications, from mechanically descaled low-carbon steel wire used for nail production through to acid pickled and coated high-carbon wire used for steel-cord production. It has also given increased efficiency to stainless steel wire drawing.

The main objective is to reduce the customer's costs. By matching the lubricant to the process, lubricant consumption can be decreased, whilst at the same time maintaining or increasing drawing speed and die life.

Condat has positioned its offer on premium lubricants, so in addition to the reduction of lubricant consumption the company's lubricants are high performing, enabling customers to work at high speed whilst reducing wire breaks.

Condat is committed to supplying the safest possible products. Its R&D laboratory develops products to limit the potential risk to operators and the environment. The range includes high-performing Borax- and  $TiO_2$ -free lubricants. In São Paulo, Condat will present new products of easy-to-use wet drawing lubricants, which offer high bath lifetime coupled with low foam and simple bath management.

Always concerned about the responsiveness of its service, customers and partners can rely on Condat Do Brasil, located in Bom Jesus Dos Perdoes, with a dedicated team of wire drawing experts.

**Condat SA – France**  
**Website:** [www.condat.fr](http://www.condat.fr)