



▲ Condat's lubricant experts will be at wire Düsseldorf, on stand H39 in Hall 16.

Committed to responsibility in the cold heading market

People are increasingly concerned about their impact on the environment, and this includes the cold heading industry. Reducing total costs by using highly performing lubricants is important, but the responsible use of such products is also a major topic.

Condat's aim is not only to guarantee the high level of performance of lubricating solutions, but also to provide support towards responsible performance that takes into account social and environmental issues. To achieve this, the company provides solutions that allow increased productivity and reduced oil consumption, while respecting personnel and the environment.

One example of increasing productivity responsibly is the use of Extrugliss dual-purpose oils. Applied for the lubrication of slides and cold heading operations, Extrugliss products can double the life of baths in service, reducing drain intervals by 50 per cent. The dual-purpose oils are formulated to provide superior lubrication

characteristics to both the machinery and the cold heading process. They eliminate cross-contamination problems often encountered during cold heading operations.

In typical cold heading applications, approximately 80 per cent of oil consumption occurs when oil is dragged out of the machine on the surfaces of formed parts. Extrugliss oils are formulated to run at lower viscosity to limit oil drag out, and so decrease consumption. They are also formulated to limit soap swelling. With most heading lubricants, wire drawing soaps swell in suspension in the oil, negatively affecting oil performance, and requiring more frequent oil replacement. With Extrugliss, drawing soaps and other contaminants are allowed to settle out of the oil, carrying with them abrasive metallic particles.

As a result, the lubricant remains clean and provides optimum performance; time between oil change out is increased; and die life is improved.

The Extrudex range also includes extreme pressure neat cold heading oils that are formulated to supply heavy-duty lubrication. Their chlorine-free complete additives package is active from low to high temperatures, to offer lubrication for a broad range of operations. Using a minimum and accurate quantity of Extrudex is claimed to provide similar performance to standard cold heading oils, at lower cost.

Extrudex oils are stand-alone lubricants that can be used only for the die side of the process. The product range is designed to improve tool life and usage on special deformation such as aerospace alloys and exotic alloys.

They also allow homogeneous coating on the parts, which contributes to an optimum surface finish and no deposit on dies and punches. With high flash points, they are safe lubricants as they reduce the risk of fire.

Condat
www.condat.fr