

A selection of eco-designed lubricants

Committed for many years to responsible performance, CONDAT SAS is taking the lead by supplying greater readability on its eco-design lubricants with its LUBRISCORE® – a self-scoring system for eco-designed products.

LUBRISCORE® grants a number of stars to products showing a virtuous profile on lifecycle criteria, such as raw materials and design, production, transport, use, as well as end of life. This rating includes impacts on people and the environment, as well as taking into consideration the state of the knowledge at the time of the assessment and changes to regulations. A bonus is applied in case of compliance with a label or certification; for example for an ECOLABEL certified product.

Based on a points system and on the answers given to set questions, the LUBRISCORE grants the product with an associated number of stars. The more eco-designed a lubricant is, the higher the number of stars it gets, with the ratings ranging from 1 to 3 stars. By choosing a product with at least 1 star, the customer benefits from an eco-designed alternative.

The LUBRISCORE rating is available for a wide range of CONDAT lubricants, including metalworking fluids, wire drawing soaps, cold heading oils, hydraulic oils, die lubricants, cooling lubricants, hardening/quenching fluids and maintenance lubricants.

For the cold heading process, CONDAT's EXTRUGLISS A 68 G vegetable-based oil improves productivity and tool life. Thanks to the high-level of lubricity of vegetal base oil (3 times more efficient than standard mineral base oils), EXTRUGLISS A 68 G enables users to fastener very difficult parts while increasing the OEE (efficiency of processes) and reducing the tooling budget. This oil can be used also for heavy-duty forming operations (screw, bolt, nuts and extrusion).

Highly performant, EXTRUGLISS A 68 G is also a dual-purpose oil. It has been specially formulated to provide both superior lubrication characteristics to machinery, as well as outstanding lubrication for the cold heading process. Used as dual-purpose in machines, it will prevent cross contamination to sustain the best lubricant performances longer and extend sump life.

With a high flash point, ensuring lower mist and smokes, and being free of chlorine, EXTRUGLISS A 68 G oil has a reduced impact on the environment and gives operators a friendly working environment. Thanks to its responsible formulation, this lubricant has been awarded 2 stars on the CONDAT LUBRISCORE rating. +



High-quality control for fastener manufacturers

To join its line of induction generators, CEIA SpA has developed a new line of control units – Master Controller V3+ and optical pyrometers SLE Slim Line – to enable high-quality control for fastener manufacturers.

For 40 years CEIA has been manufacturing high and medium frequency generators for high energy efficiency and minimum operating cost. It's due to this experience in the field, and to the continuous and careful technological research, that CEIA was able to introduce this new line of control units.

All CEIA systems are certified and calibrated to grant customers a repeatable result and a high-quality control and power is regulated automatically. Thanks to a web server and integrated data logger it is also possible for CEIA devices to be interfaced with any PLC, or to be connected by means of any internet browser to retrieve all the information necessary

to the process control, such as heating temperature, power supplied, diagnosis, etc.

CEIA systems can be easily used in different phases of production. From the continuous heating of the steel wire, stainless steel, aluminium, titanium, inconel, or for the warm forming process, for the thread rolling, threadlocking, hardening or forging of bolts or screws. Thanks to the extremely compact dimensions, CEIA generators can also be easily integrated with automatic header machines or automatic thread rolling machines. +

www.ceia-power.com

