

PRODUCT DEVELOPMENTS

CONDAT launches Lubriscore® eco-designed lubricants

Condat shares the conviction that the company can be a wonderful lever of innovation to respond to contemporary challenges: climate change, diminishing resources, pollution. Supporting customers and partners towards responsible performance, that combines social and environmental issues, is a main objective for the company.

Initiated several decades ago, the responsible commitment regarding innovation in response to climate change is based on one of the Condat Group's fundamental values: 'Build to Last'. Guided by this historical value, the company has, since 1854, been pursuing a long-term strategy that contributes greatly to its longevity. It was therefore one of the forerunners to develop industrial lubricants and other speciality products with a reduced environmental impact, without compromising either their performance or the safety of users. As an example, the company launched its first biodegradable lubricants 20 years ago.

CSR COMMITMENTS AND ASSESSMENTS

Since publication in 2010, the guidelines of the ISO 26000:2010 standard has been a guide for Condat decision-making and actions. Although this standard does not lend itself to certification, it provides the right guideline to all companies being aware that social responsibility and environmentally friendly behaviour are key factors for success.

In 2018, Condat took a step further in its CSR policy by joining the international Ecovadis platform. Its CSR performance is assessed annually by an independent body according to 21 criteria divided into four themes: Environment – HR and Human

rights – Business ethics – responsible purchasing policy.

In 2020, Condat was awarded Silver level by Ecovadis, recognizing its far-reaching sustainability and CSR policy. This achievement places Condat among the 25 per cent of the best rated global companies by Ecovadis and among the top six per cent of companies in this economic sector/lubricants.

LUBRISCORE®, A SELF-SCORING SYSTEM FOR ECO-DESIGNED PRODUCTS

In 2020 Condat established the innovative Lubriscore® in order to provide customers better readability and total transparency on their products. The Lubriscore® is Condat's self-scoring system



that weight the product properties based on life cycle criteria: Raw materials and design/Production/Transport/Use/End of life. This rating includes impacts on people and the environment, and takes into consideration the state of the knowledge at the time of assessment, along with changes to regulations. A bonus is applied in the case of compliance with a label or certification; as for example for an Ecolabel certified product.

Based on a point system and on the answers given to about 20 questions, the Lubriscore® grants, or not, the product with an associated number of stars.

The more eco-designed a lubricant is, the higher the number of stars it gets, with ratings ranging from one to three stars.

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.

CONDAGLASS 400 SWABBING GREASE WITHOUT GRAPHITE

Part of Condat's eco-designed product offer, Condaglass 400 is a brand-new dedicated swab-

bing grease without graphite, an important feature in glass bottle manufacturing. Indeed, removing graphite and the black aspect of the grease can lead to less transfers on glass ware (bottles, glass containers for food or cosmetics), thus reducing automatic rejects after greasing. As a result, glass manufacturers generate less waste and obtain immediate productivity gains.

Without graphite also means a cleaner working environment for operators in the gob forming area. They do not handle graphited and blackened products when swabbing the blank, blow and neck ring moulds. And the same improvement can also be seen in the mould workshop.

Eliminating graphite has been only possible thanks to the high releasing performance of Condaglass 400. Condat R&D department worked on this new



SOFTWARE DEVELOPMENT



score at the Condat Lubriscore® and perfectly illustrates the concept of Responsible Performance that the company targets.

SUCCESS STORY HIGHLIGHT

One European leader in glass manufacturing has already chosen Condaglass 400 for producing its cosmetics and perfumes articles made of Opal glass. The company saw impressive results when swabbing their cast iron moulds, as they were able to reduce their automatic rejects after greasing drastically. Using their previous graphited lubricant, the rejects were between three to four, whereas with Condaglass 400 they only set for two automatic rejects after greasing. The company thus experienced significant productivity increase and generated less waste. ■

CONDAT

Condat is an independent company with international presence, specializing in the field of industrial lubrication. For over 160 years, it has adapted its products to the specific needs of each market (drawing, cold heading, metal working, glass industry...) and has developed a wide range of soaps, greases, oils,... Condat lubricant range is recognized on the glass industry market, in particular for its wide range of lubricants. The company covers all glass processing needs, from glass container, flat glass to optical glass. It offers among others: shear spray oils, scoop oils, delivery coatings, graphited varnish for mould lubrication, graphite and graphite-free Swabbing mould compounds, IS machine maintenance oils and also float cutting oils, coolants cutting oils, flocculants for water treatment. Condat provides also lubricants for the maintenance of equipment such as hydraulic oils and greases, and suitable equipment to ease implementation of lubricants such as dosing equipment.

formula for about two years and the challenge was to reach the same performances as the graphited products commonly used on blank mould applications, which are references on the market.

Moreover, since reducing environmental impact is a main issue for Condat, Condaglass 400 is made of a mix of renewable vegetable based oils and recycled refined oils. Particular attention was also paid on end-users when

developing the product, and this is why Condaglass 400 Safety Data Sheet does not display any hazardous pictogram.

Last but not least, thanks to its high flash point, Condaglass 400 limits fire risk and ensures protection for equipment and co-workers, especially as swabbing compounds are generally applied on 450°C moulds.

Thanks to its responsible formulation, this lubricant obtained a 1-star

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