

## **MECAGREEN 550**

After great success with "MECAGREEN" our vegetable ester range of coolants, CONDAT launches another premium fluid "MECAGREEN 550" built form a similar platform that has been designed specifically for the Aerospace Market.

In 2009 **CONDAT** won the Golden Trophy at INDUSTRIE LYON for its new **MECAGREEN** range of machining and grinding coolants (MG 127, 400, 500). These innovative chemistries are built 100% from a vegetable ester platform.

Now for over four years in North America we have marketed these new green formulations providing not only a "green" chemistry (mineral base oil replaced by vegetable base) but also improving machine cleanliness, tooling life, and at the same time lowering coolant consumption as much as 50% in some extreme cases.

With this strong experience **CONDAT** now offers an evolution of this range for Aerospace market: the **MECAGREEN 550**.

Similar to the other **MECAGREEN** coolant range, **MECAGREEN 550** is composed of a blend of esterified vegetable base at 100% and boasts an exceptional lubricity. It offers the same benefits and can significantly increase the tool life. Its maximum content of synthetic esters derived from vegetable means permits customers to machine with excellent results the most difficult materials (aerospace aluminums alloys, steels alloys, titanium alloys, etc...).

Tests conducted with customers tend to prove that the **MECAGREEN 550** is definitely the best *chlorine free* coolant on the market.

In addition to improving the lubricity of the product, **CONDAT** focused on enhancing the operator friendly aspect. **MECAGREEN 550** is without boron, it actually begins to be regulated. It is also without any bactericides, and uses only preservatives to provide a strong stability.

Another advantage of size, MECAGREEN 550 is conformed to prestigious manufacturers like:

- EADS
- SNECMA
- BOEING
- BOMBARDIER

Since our founding in 1854 **CONDAT**, driven by a dedication to lubricant innovations, is recognized as a global leader in the specialist in lubricants market. Our expertise enables it to develop high value-added technical lubricants, adapted to each business industry. For each operation of metal working (Swiss turning, machining, deep drilling, grinding, stamping, etc...), CONDAT recommends to its customers the best lubrication solution, so such as technically, economically and environmentally.

## **MECAGREEN 450**

Following the success of the MECAGREEN range of coolants, CONDAT launches in the same series MECAGREEN 450, a new generation of soluble oil.

In 2009 **CONDAT** launched a range of machining coolants "**MECAGREEN**" a unique blend of vegetable esters which marks an important evolution in terms of green chemistry! New **MECAGREEN** coolants are built form a 100% vegetable ester platform. This "green" chemistry is not only a big hit with customers but also allowed **CONDAT** to rapidly expand its market position in machining and grinding in North America by providing a clean running, low carry off, high lubricity fluid to the industrial markets.

As our experience grows with the vegetable esters **CONDAT** continues to drive innovation through offering the next generation soluble oil "**MECAGREEN 450**".

As with all the **MECAGREEN** range of coolants the **MECAGREEN 450** is 100% composed of vegetable esters (renewable raw materials as the mineral base oil is replaced by a vegetable base).

This next evolution of blended vegetable ester chemistry allows up to pack the maximum content of synthetic esters into solution thus providing excellent lubricity for the most difficult machining and grinding applications on all types of materials (aluminum and aluminum alloys, steel, stainless steel, copper, ...). MECAGREEN coolants allow customers to realize important savings: at least 30% compared to a conventional coolant because they offer advantages in terms of tool life and reduce lubricant consumption (better draining).

Free of harmful molecules (chlorine, DEA, nitrites, bactericides releasing formaldehyde, phenol derivatives, heavy metals and silicones) as for the entire range, **MECAGREEN 450** is also Boron and bactericide free as we stay well in advance of current and future chemical restrictions. We maintain the biostability of these fluids through preservatives, paraffin free, which maintain stability from harmful bacteria.

In addition to improving the lubricity of the product **CONDAT** focused on enhancing the user experience of operators by offering a coolant non-sensitizing and non-irritating. **MECAGREEN 450** allows getting cleaner machines and working parts could be clean with a solvent without residue or white corrosion (yellow metals).

MECAGREEN 450 is a safe and green solution for all of your metalworking operations!