MECAGREEN

Soluble Oil

Vegetable Base

MACHINING

VEGETABLE BASED MACHINING SOLUBLE



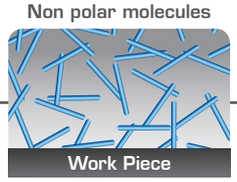
Result of many years of research in CONDAT laboratories, MECAGREEN products combine innovating and responsible formulas. Built using a unique blend of vegetable based synthetic esters, they offer high performances for machining and milling operations.

Synthetic and vegetable chemistry

CONDAT laboratories have developed a technology to enhance the lubricating properties of synthetic and renewable base oils for its MECAGREEN range.

MINERAL BASED OILS:
are non-polar and do not coordinate with the work piece surface.

Non polar molecules



- non structured film
- low adhesion
- weak lubricant film

- high coefficient of friction
- high frictional heat and wear

MECAGREEN:
short and long chain esters for a speed range of 20m/min to 1000m/min.

Polar molecules



- structured film
- high adhesion
- strong lubricant film

- low coefficient of friction
- low frictional heat and wear

High performance

MECAGREEN coolants high performances contributes to improve your most demanding processes reliability and efficiency.

Part quality improvement:

- Surface condition
- Geometry
- Reduced waste…

Increased productivity:

- Cycle time
- Stable cutting conditions

Reduced costs:

- Tools
- Lubricant
- Waste…

Improved working conditions

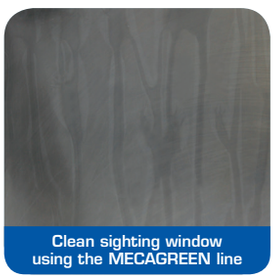
Formulated using renewable raw materials, MECAGREEN provide a solution to your HSE requirements and contribute to improving your process environmental footprint.

Advantages:

- Machine cleanliness
- Dermatitis risk prevention
- Boron-free formula



Dirty sighting window with conventional oil

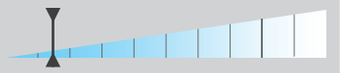
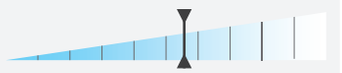
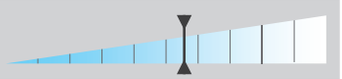
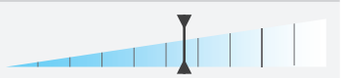
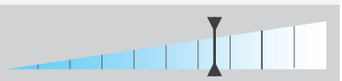


Clean sighting window using the MECAGREEN line

CONDAT

PROVIDING INNOVATION TO YOUR INDUSTRY

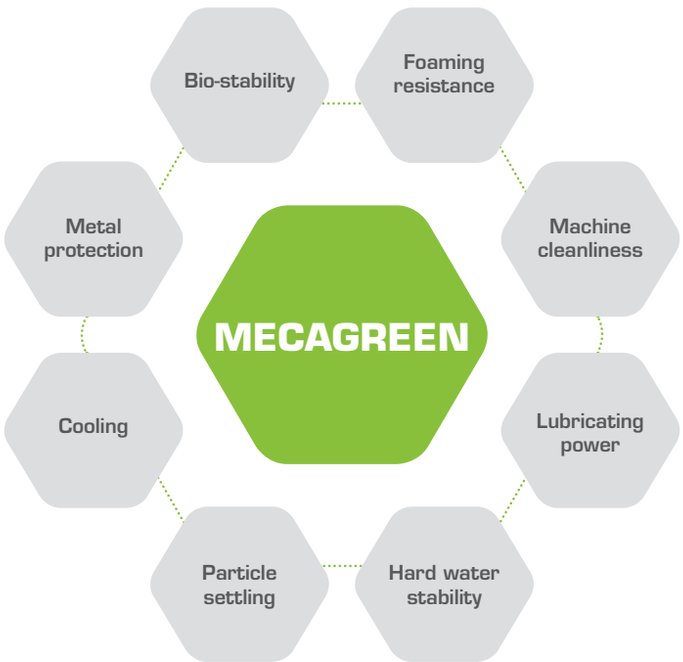
MECAGREEN Range

	Steel P	Stainless steel M	Cast iron K	Non-ferrous N	Refractive material S	Hardened steel H	Lubricating power
MECAGREEN 127	●●●	●	●●●	●	●	●●	
MECAGREEN 400	●●●	●●	●●●	●●	●●	●●●	
MECAGREEN 450 HP	●●	●●	●	●●	●●	●●●	
MECAGREEN 450 AERO HP	●●	●●	●	●●●	●	●●	
MECAGREEN 550	●	●●●	●	●●●	●●●	●●●	

To discover the complete product line, contact your CONDAT sales representative

●●●: Ideal ●●: Recommended ● : Possible

The benefits of MECAGREEN chemistry



Mindful of the impact of its activities on the environment, CONDAT offers NEAT GREEN **neat oils** as a complement of the MECAGREEN soluble lubricants. Formulated using vegetable based synthetic esters, they combine performance and environmental responsibility.

DISCOVER NEAT GREEN

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