

AIRBUS Approval for ECOCOOL GLOBAL 1000



MOVING YOUR WORLD

New Aerospace Approval

With great pleasure, we would like to inform you that our water-miscible coolant ECOCOOL GLOBAL 1000 has now received approval from AIRBUS and has been included in the latest version of the AIRBUS Process Specification: **AIPS00-00-010** "List of authorized Cutting fluids for drilling and machining operations."

ECOCOOL GLOBAL 1000 is a high-quality, boron-free, water-miscible cutting fluid with special quality characteristics for high-performance metal machining, especially in aerospace, medical-, semiconductor technology, and many other industrial applications.

ECOCOOL GLOBAL 1000 is a multifunctional high performance product for drilling, turning, milling, threading, and grinding titanium and nickel-based alloys, as well as aluminum, stainless steel, and steel. The use of special additives allows for the machining of critical aluminum alloys as well.

ECOCOOL GLOBAL 1000 advantages at a glance:

- High metal removal rates & long tool life, especially when machining titanium and nickel-based alloys
- Strong cooling through targeted heat dissipation
- Low foam formation
- Very good high-pressure stability
- Extended lifetime - low consumption
- Excellent wetting and rinsing properties
- Free of formaldehyde, boron, MEA, and silicon
- Suitable for any water hardness
- No aluminum staining, good compatibility with critical alloys such as 2024, 5083, 6061, 7010, 7050, 7075
- Ensures good skin compatibility

Approvals

Medical technology:

Cytotoxicity: EN ISO 10993-1, EN ISO 10993-5, EN ISO 10993-12

Aerospace:

- AIRBUS - AIPS 00-00-010 (New)
- Conforms to BOEING - BAC 5008 section 5-6
- SAFRAN - PR6300
- ROLLS-ROYCE - CSS 129/131 Cat. 2

Semiconductor: ASML - Grade 2 Application

Machine manufacturer: DMG MORI and GROB