



AEROSPACE

Innovative cooling lubricants especially for the aerospace industry

Oemeta is your reliable expert for cooling lubricants. For over 100 years we have focused our energy, passion and know-how on the development of excellent products. Our concept combines productivity, profitability and multifunctionality for a sustainable production, offering the best prerequisites for the aerospace industry.

The aerospace product range

The aerospace (AE) range of cooling lubricants have been developed specifically for the machining of modern materials. Their strengths include: extremely high performance, outstanding material compatibility and excellent stability at a very low consumption.

Airbus and Bombardier, as well as many other renowned manufacturers, have tested and approved our formulations, meaning you receive a certified and reliable product with proven compatibility on your materials.

The Oemeta added value

We keep our promises. We develop and manufacture our products according to the strictest standards. Moreover, we look after our customers' processes by means of service analytics.

We protect the environment just as carefully. We use renewable resources, modern recycling systems, and invest in the long service life of our products.



Airbus
ArianeGroup
Boeing
Bombardier

Learjet
Raytheon Technologies
Rolls-Royce
Safran/Snecma

This is only an extract of our approvals.

Stable processes

Cooling lubricants from Oemeta are developed for a large range of applications, different water qualities and machining environments. Due to low-foaming properties and long lifetimes, a high process stability is achieved.

Low consumption

Because of their excellent run-off, the cooling lubricants of the aerospace product range can be used at a low consumption, allowing for significant cost savings.

Machining performance

Oemeta products have optimised lubricating performance as they are created using high-quality base oils and the latest in additive technologies. As a result, tool life is extended, and machining volume increased.

Clean machines

Oemeta's AE products show an outstanding cleaning and flushing performance, which improves the cleanliness of machines and workpieces.

Environmental and human compatibility

All cooling lubricants from Oemeta are characterised by a very high human and environmental compatibility.

The long service life and the high performance of the products reduce consumption and disposal quantities. AE cooling lubricants were tested with respect to their skin compatibility and were classified as non-irritant to the skin.

Material compatibility

AE products are designed for the light to demanding machining, and stand out due to their good material compatibility.

AE-Products

PRODUCT	MATERIAL	BENEFITS	PERFORMANCE
HYCUT ET 46 / CF 21 + ADDITIV AE / LM	steel, stainless steel, aluminium, non-ferrous metals, titanium, nickel-base alloy	✓ formaldehyde-free ✓ boron-free ✓ biocide-free	very high
NOVAMET 741 AE	steel, aluminium	✓ formaldehyde-free ✓ increased corrosion protection	high
NOVAMET 760 AE	stainless steel, aluminium, non-ferrous metals, titanium, nickel-base alloy	✓ formaldehyde-free ✓ boron-free	very high
NOVAMET 770 AE	aluminium, titanium, nickel-base alloy	✓ mineral oil-free ✓ formaldehyde-free ✓ boron-free	extreme high
NOVAMET 1000 AE	aluminium, non-ferrous metals, nickel-base alloy	✓ formaldehyde-free ✓ boron-free	very high

