

CIMCOOL[®] Aerospace Approvals

Aerospace Approved Metalworking Fluids



History of innovation

The success story of Cimcool starts as a sub-division of Cincinnati Milacron in the US. One of the highlights was the production of the first synthetic metalworking fluid in the 1940's. Thereafter Cincinnati Milacron opened a machine tool factory in the Netherlands in 1954 which was the beginning of the European Cimcool organisation as we know it today.

Since 2020 the Cimcool organization is an operating company of DuBois Chemicals. For already 100 years, DuBois Chemicals is a leading single source specialty chemical supplier to the manufacturing of, metalworking, heat treatment, food and beverage, paper and pulp, and water treatment industries.

CIMCOOL's European headquarters is situated in Vlaardingen, The Netherlands. From this location we develop, produce and transport all our products for the European, Russian, African, Middle Eastern and part of the Asian market. Each country in this area has its own sales office or distributor. Through years of experience in the metalworking industry and our broad geographical presence we can provide you with the right products and the right service in the right place.

Over the last 75 years, our research labs have continued to innovate by developing a comprehensive family of premium synthetic, semisynthetic and soluble oil metalworking fluids. Every step of the way, CIMCOOL invented the products and processes our customers needed - setting the standards for industry performance.

The sky is the limit

Cimcool produces fluids for the high-tech aerospace industry. To facilitate its aviation customers, Cimcool has developed a range of products which satisfy the highest standards of the aerospace industry.

Approvals

Cimcool fluids have been proven to create substantial improvements in terms of productivity and to fulfil or even exceed the demands of the aviation industry. As a result, a wide range of approved Cimcool products are used in aero engine manufacturing, structural parts manufacturing and landing gear manufacturing.

The following product lines have been proven to be successful in the aerospace industry:

CIMTECH[®] - Synthetics

CIMSTAR[®] - Semi-Synthetics

CIMPERIAL[®] - Emulsion



The series of high performance, aero approved and conforming Cimcool® Metalworking Fluids

AERO STRUCTURES		
ASTM F483	Conforms	CIMPERIAL® 35-880 - Al, Ti
ASTM F1110	Conforms	CIMPERIAL® 35-880 - Al, Ti
Airbus DE (80-T-30-4010)	Conforms	CIMPERIAL® 35-880 - Al, Ti
Airbus (AIMS 12-1 0-0000)	Conforms	CIMPERIAL® 35-880 - Al, Ti, CRES (Corrosion Resistant Steel)
Airbus (AIMS 12-1 0-0000)	Approval	CIMPERIAL® 35-811 - Al, Ti, Ni, Steel, Copper, CRES (Corrosion Resistant Steel) CIMPERIAL® 35-871 - Al, Ti, Ni, Steel, Copper, CRES (Corrosion Resistant Steel) CIMSTAR® 631 - Al, Ti, Steel CIMSTAR® MB604 - 02 - PA66 GF30 (Glass Fiber Reinforced Polyamide) CIMTECH® 320Z - Al, Ti, Ni, Steel, Copper, CRES (Corrosion Resistant Steel)
SAAB (STD 3089 & STD 161301)	Approval	CIMPERIAL® 35-880
BOMBARDIER (BAMS 569-001)	Approval	CIMTECH® A31
BOEING BAC 5008	Conforms	CIMPERIAL® 35-880 - Area 5 + 6
BOEING (BAC 5008 Rev. U)	Approval	CIMTECH® 310 (CIMTECH® A31) – Area's 5,6 CIMTECH® 320Z (CIMTECH® A32) – Area's 2,5,6 CIMTECH® 46C – Area's 5,6
AIRBUS UK (ABR 9-0204, issue 2)	Approval	CIMPERIAL® 35-811 CIMPERIAL® 35-871 CIMTECH® A32 CIMTECH® 320Z
AERO ENGINES		
PRATT & WHITNEY	Approval	CIMTECH® A31 - PMC 9155 CIMTECH® 320Z - PMC 9343 -3, -4
Safran (PR-6300)	Approval	CIMSTAR® 620FF - Ti, Ni CIMPERIAL® 35-880 - Ni, Al, Ti CIMPERIAL® 35-880HW - Ni, Al, Ti CIMSTAR® 35-960 - Ni, Al, Ti CIMSTAR® 35-961 - Al, Ti CIMTECH M28 - Ti, Ni
ROLLS-ROYCE	Approval	CIMSTAR® 536-02 (CSS 127) CIMTECH® A31 (CSS 130) CIMTECH® A31F (CSS 130)
SNECMA (455-201-0-00 index B)	Approval	CIMTECH® A31F - Ti, Ni, Al CIMTECH® A32 - Ti, Ni, Al CIMSTAR® 631 - Ti, Ni, Al CIMSTAR® 35-960 - Ni, Al, Ti CIMTECH® A30-05 - Ti, Ni, Al CIMTECH® A35 - Ti, Ni, Al CIMPERIAL® 896 - Ni CIMTECH® A61 - Ti, Al CIMTECH® M26 - Ti MILPRO® HD85 - Ti CIMTECH® M27-02 - Ti, Ni
GE (AVIO)	Approval	CIMTECH® A31 CIMTECH® A31F CIMTECH® A32 CIMTECH® M26
LANDING GEARS		
GOODRICH LANDING GEAR CORPORATION	Approval	CIMTECH® 46C - LGQP 5020 – PSO 579 (grinding HVOF coatings)
MESSIER-BUGATTI-DOWTY (PCS - 4002)	Approval	CIMSTAR® 631 – Area 1,3,6 CIMTECH® 46C – Area 5
UTC Aerospace (LGQP 5020)	Approval	CIMTECH® 46C – PSO#579

Note: All products listed are Formaldehyde Releasing Agent (FRA) free.



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