

BLUE GOLD USAGES

Aerospace



All applications were heated, rinsed and dried. Test Information – see Lockheed Missile, Raytheon or NASA

Aerospace

Application:	Dilution:	Rinsed:	Dried:
Agitated/Heated			
Dip Tank	Various	Yes	Yes
Hand Wiping	Various	Yes	Yes

Missile

Application:	Dilution:	Rinsed:	Dried:
Agitated/Heated			
Dip Tank	Various	Yes	Yes
Hand Wiping	Various	Yes	Yes

Aircraft



BGIC and BGSW and used in various aircraft cleaning and Maintenance operations. Blue Gold has been tested to United Airlines spec on leather, vinyl, plastics, carpet upholstery and even in the oxygen lines within the aircraft.

Aircraft Fasteners

Application:	Dilution:	Rinsed:	Dried:
Mechanical Parts			
Washer		Yes(DI)	Yes(Spin)

Aircraft Interior

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	2%-5%	No	No

Aircraft Exterior

Application:	Dilution:	Rinsed:	Dried:
Sprayed	10%-25%	Yes	Yes
Steamed	10%-25%	Yes	Yes
Foamed	10%-25%	Yes	Yes

Engine & Various Parts

Application:	Dilution:	Rinsed:	Dried:
Sprayed	10%-25%	Yes	Yes
Steamed	10%-25%	Yes	Yes
Foamed	10%-25%	Yes	Yes
N/A	4%-25%	Yes	Yes

Gear Boxes

Application:			
Dip Tanks	10-20%	Yes	Yes
Pressure Sprayer	150-1	Yes	Yes
Spray Washer	5%	Yes	Yes

Hydraulic System Lines - Titanium tubing in hydraulic system cleaned by Rockwell.

Application:	Dilution:	Rinsed:	Dried:
Agitated Submersion Tank	10%	Yes(Heated)	No
Ultrasonic	10%	Yes(Heated)	No

Impeller Blades

Application:	Dilution:	Rinsed:	Dried:
Heated Dip Tank		Yes	Yes

Landing Gear

Application:	Dilution:	Rinsed:	Dried:
Dip Tank	150-1	N/A	N/A
Spray Washer	N/A	Yes	Yes

Prior to FPI - Test done to detect stress cracks. Mandatory to have a through agitated and clean rinse. Specifics P&W manual.

Application:	Dilution:	Rinsed:	Dried:
		Yes(Mandatory)	

Propeller/Turbine Vanes

Application:	Dilution:	Rinsed:	Dried:
Ultrasonic	5%-20%	Yes	Yes
Heated Dip Tank	5%-20%	Yes	Yes

Helicopter Engines & Parts - Using a 5-15% solution heated to 150°F, rinsed and dried. Also cleaning honeycomb section.

Application:	Dilution:	Rinsed:	Dried:
Converted Vapor Tank w/Eductors	5%-15%	Yes	Yes(Blow w/ Air Knife)

Automotive



Air Filter Bodies

Application:	Dilution:	Rinsed:	Dried:
Spray Washer	25 to 1	Yes	Yes(Hot Air)

Chassis

Application:	Dilution:	Rinsed:	Dried:
N/A	20 to 1	N/A	N/A

Fuel & Water Pump Parts - also use 500 gal. & 1500 gal. spraywashers. Parts go through auger type washer and are rinsed and blown dry. Five to 10 gallons of concentrate per day added to refurbish tank.

Application:	Dilution:	Rinsed:	Dried:
Conveyor Spray System & Tumble Type Washer	N/A	Yes	Yes(Blow)

Manifolds - Parts are submerged and washed for 30 minutes.

Application:	Dilution:	Rinsed:	Dried:
Dip Tank	20 to 1	No	Yes(Drip)

Tire Mounting - Used to put around the edge of the tire to create a better seal.

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	40 to 1	No	No

Busses



Used in varying concentrations to clean tires, buggy, wheels and engines. Solution is sprayed on and left to sit for 2minutes then rinsed with clean hot water.

Engine

Application:	Dilution:	Rinsed:	Dried:
Sprayer	15 to 1	Yes	

Exterior

Application:	Dilution:	Rinsed:	Dried:
Sprayer	15 to 1	Yes	

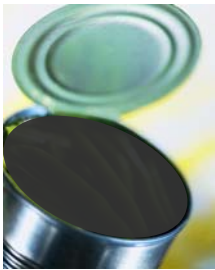
Interior - Used to clean seats, carpets, baggage rooms and restrooms.

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	20 to 1	No	No

Wheels & Tires

Application:	Dilution:	Rinsed:	Dried:
Sprayer	15 to 1	Yes	

Canning



Aluminum cans ready for labels

Application:	Dilution:	Rinsed:	Dried:
Dip Tank	5%	Yes	

Floors, Machines, and Tools

Application:	Dilution:	Rinsed:	Dried:
Spray	5%	Yes	

Construction Equipment



For this cleaning, cold water was used in the sprayer, It was then allowed to sit for approximately 10 minutes, and rinsed off with a pressure washer.

Crane – Bull Gear

Application:	Dilution:	Rinsed:	Dried:
Weed Sprayer	50%	Yes	No

Crane – House, Turrets and Tracks

Application:	Dilution:	Rinsed:	Dried:
Weed Sprayer	50%	Yes	No

Dive



Divers - Gauges, regulators

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	2%-4%	Yes(Mandatory)	Yes(usually use Nitrogen)

Electronics

Disk Drive - Aluminum alloy components

Application:	Dilution:	Rinsed:	Dried:
Ultrasonic	N/A	Yes(DI)	Yes
Dip Tank	40%	Yes	Yes

Copy Machine Drums

Application:	Dilution:	Rinsed:	Dried:
Heated Dip Tank	N/A	Yes	Yes
Ultrasonic	N/A	Yes	Yes

Food Plants



Pork Processing Plant

Application:	Dilution:	Rinsed:	Dried:
Spray Wash Wand	10%	Yes	
Hand Wiping	10%	Yes	

Chicken Processing Plant

Application:	Dilution:	Rinsed:	Dried:
Spray Wash Wand	10%	Yes	
Hand Wiping	10%	Yes	

Irrigation



Irrigation Equipment

Application:	Dilution:	Rinsed:	Dried:
Mechanical Parts Washer	N/A	Yes	Yes

Miscellaneous

These miscellaneous applications are just a few of the unique cleaning situations Blue Gold is being used in.

Filaments* - The Blue Gold solution is heated to clean filament and remove labels from the spools and then actually break down and dissolve the labels.

Application:	Dilution:	Rinsed:	Dried:
Heated Dip Tank	Full Strength	N/A	N/A

* This is the only application we know of where Blue Gold works best full strength. In all other applications Blue Gold **MUST** be diluted

Nuclear Power Rod Components Prior to Assembly

Application:	Dilution:	Rinsed:	Dried:
Spray Washer	20 to 1	Yes(w/Alkanox)	Yes

Paint System Parts - Aluminum

Application:	Dilution:	Rinsed:	Dried:
Ultrasonic	15 to 1	Yes	N/A

Lighting Fixtures

Application:	Dilution:	Rinsed:	Dried:
Heat Dip Tank	4%	No	Yes(Wiped)

Natural Gas Compressor

Engine

Application:	Dilution:	Rinsed:	Dried:
Agitated/Heated Dip Tank	N/A	No	No

Oxygen

Oxygen - Valves, gauges, cylinders, lines, pipes and metal parts.

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping w/Lint Free Swab	2%-4%	Yes(Mandatory)	Yes(usually use Nitrogen)

Railway



Gears

Application:	Dilution:	Rinsed:	Dried:
Heated & Agitated Dip Tank	N/A	Yes(Hot Water)	Yes(Air Dry)

Rails

Application:	Dilution:	Rinsed:	Dried:
Spraywasher	N/A	Yes(Hot Water)	Yes(Hot Air Dried)

Restaurants

Accessories

Application:	Dilution:	Rinsed:	Dried:
Dip Tank	20 to 1	Yes	

Floors, Walls

Application:	Dilution:	Rinsed:	Dried:
Spray Bottle	20 to 1	No	No

Fryers, Stoves

Application:	Dilution:	Rinsed:	Dried:
Dip Tank	5%-20%	Yes	

Washer

Application:	Dilution:	Rinsed:	Dried:
Dish Washer	50 to 1	Yes	Yes

Springs

Newly Manufactured Springs

Application:	Dilution:	Rinsed:	Dried:
N/A	20 to 1		
Spray Cabinet	20 to 1	Yes	Yes

Utilities



Rubber Mats - Used to insulate workers from wires

Application:	Dilution:	Rinsed:	Dried:
Special Machine w/brush scrubbers	5%SW	Yes	Yes(Air Knife)

Rubber Gloves - Used to insulate workers from wires

Application:	Dilution:	Rinsed:	Dried:
Special Machine w/brush scrubbers	5%SW	Yes	Yes(Air Knife)

Vessels



Masts – Aluminum - Prior to Painting

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	3%-5%	N/A	Wiped w/towel

Sails

Application:	Dilution:	Rinsed:	Dried:
Carpet Cleaning Machine	3%-5%	N/A	N/A

Sailboats - Used to keep bilge area clean

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	3%-5%	N/A	N/A

Interior - Seats, walls, etc.

Application:	Dilution:	Rinsed:	Dried:
Hand Wiping	3%-5%	N/A	N/A