

T-50 Liquid Oxygen Converters



Aero Precision is the Exclusive Distributor for the Essex Industries line of Liquid to Oxygen (LOX) converters and life support equipment. Aero Precision is prepared to improve turnaround times and increase LOX system customer support. Our international military users will benefit from personalized support that is responsive.

Essex Industries provides the highest quality in design, development and support of the LOX systems that have been flying since 1963. With a full line of equipment to safely support aircraft fleets that operate in tactical, humanitarian, passenger and cargo capacities.



REPAIR LEVELS

System	Valves	Component
--------	--------	-----------

R&OH PROCESSES

Painting	Machining	Welding
Cleaning	Finishing	Testing

PART DESCRIPTION	NSN	PN	ALT PN	Platforms
5 LITER LOX CONVERTER (FIXED)	1660-00-148-9239	10C-0021-5	GCU12A/A, MILC25973, MIL-DTL-25666/4, 10C0021-5, 8148650	F-16, F-5, F-4, F-15, T50
5 LITER LOX CONVERTER (REMOVABLE)	1660-00-327-7048	10C-0020-9	MIL-C-19328, MIL-DTL-19328, 8148650, 10C-0020-6	F-16, F-5, F-4, F-15, T50

PART DESCRIPTION	NSN	PN	ALT PN	Platforms	Cage Code
OXYGEN GENERATOR AND LIQUIFIER (OGL)	3655-01-631-2889	50C-0103-5	3655NCM141218, 1206499	Ground Support	19062
BACKPACK MEDICAL OXYGEN SYSTEM (BMOS)	3655-01-628-1034	50C-0089-4	3655NCM141069, 1134924	Parachutists, Ground Support Personnel, Human transport, aircraft, helicopter or ground vehicles.	19062
MOUNTED MEDICAL OXYGEN SYSTEM (MMOS)	N/A	50C-0105-1		Parachutists, Ground Support Personnel, Human transport, aircraft, helicopter or ground vehicles.	19062
PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEM (PTLOX)	6530-01-222-9494	50C-0021-1	CRU-87/U	Ground support	19062
NEXT GENERATION PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEM (NPTLOX)	6530-01-585-4676	50C-0083-1	3655NCM104411, 16902	Ground Support	19062
BMOS FILLING STATION (BMOS-FS)	3655-01-601-2275	50C-0083-3	3655NCM116923, 26848,	Parachutists, Ground Support Personnel, Human transport, aircraft, helicopter or ground vehicles.	19062
50 GALLON LOX CART (DARK GREEN)	3655-01-066-6214	50C-0014-1	MIL-T-38170, TMU-27/M, 50C-0014-1, 0301045	All Platforms	19062
50 GALLON LOX CART (WHITE)	3655-01-456-0123	50C-0014-5		All Platforms	19062
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-1			19062
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-21			19062
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-22			19062
5 LITER LOX CONVERTER (FIXED)	1660-00-148-9239	10C-0021-5	GCU12A/A, MILC25973, MIL-DTL-25666/4, 10C0021-5, 8148650	F-16, F-5, F-4, F-15	19062
5 LITER LOX CONVERTER (REMOVABLE)	1660-00-327-7048	10C-0020-9	MIL-C-19328, MIL-DTL-19328, 8148650, 10C-0020-6	F-16, F-5, F-4, F-15	19062
10 LITER LOX CONVERTER (FIXED)	1660-00-078-8227	10C-0005-11	MIL-C-19328, 8148650, 21278, GCU2A/A, MIL-C-25777, MIL-DTL-25666/1, 10C0005-11,	F-18, T-38	19062
10 LITER LOX CONVERTER (REMOVABLE)	1660-01-179-4064	10C-0016-16	GCU24A/A, MIL-C-19803F, 10C-0016-16	F-18, T-38	19062
25 LITER LOX CONVERTER	1660-00-122-8101	10C-0001-26	GCU17/A, MIL-C-27336, MIL-DTL-25666/5, 10C-0001-0026	C130, C130J, P3	19062
75 LITER LOX CONVERTER	1660-00-079-4359	10C-0012-75	GCU20/A, MIL-C-27652, MIL-DTL-25666/6, 10C0012-75, 8148650, 10C-0012-0075	C17	19062



Next Generation Portable Therapeutic Liquid Oxygen Systems (NPTLOX)

NSN - 6530-01-585-4676
P/N - 50C-0083-1
PLATFORMS - Ground support

Oxygen Generator and Liquifier (OGL)

NSN - 3655-01-631-2889
P/N - 50C-0103-5
PLATFORMS - Ground support

Portable Therapeutic Liquid Oxygen Systems (PTLOX)

NSN - 6530-01-222-9494
P/N - 50C-0021-1
PLATFORMS - Ground support