



AIRCRAFT CERTIFICATION

BOEING (BSS7432, BSS7434), AMS (1526C, 1550B),
DOUGLAS AIRCRAFT (CSD No 1), AIRBUS (AIMS09-00-02)



The Rol of Safety™

"When Safety becomes the key driver in your organization; when it's placed ahead of everything else, including shareholder value and profits, then and only then will immeasurable benefits begin to flow."



SMI, Inc.

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Attn: Todd Murphy
EcoChemPro LLC
1655 McFarland Blvd N
Tuscaloosa, AL 35406

Date: 15-Feb-2023

SMI/REF: 2211-829

Product: **XL CLEANER DEGREASER** (received 22-Nov-2022)

Dilution: As received

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BOEING SPECIFICATION SUPPORT STANDARD

BSS7434

CHEMICAL COMPATIBILITY OF CLEANING PRODUCTS AND INTERIOR PARTS/MATERIALS OF COMMERCIAL TRANSPORT AIRCRAFT

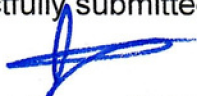
(Version: Original issue, 04-Jun-2019)


Supersedes Boeing D6-7127

(Note: Boeing D6-7127 was cancelled and superseded by BSS7434 on 04-Jun-2019)

5.1	Sandwich Corrosion	<u>Conforms</u>
5.2	Immersion Corrosion Test	<u>Conforms</u>
5.3	Rubber Test	<u>Conforms</u>
5.4	Sealant Test	<u>Conforms</u>
5.5	Painted Surface Test	<u>Conforms</u>
5.6	Tedlar Surface Test	<u>Conforms</u>
5.7	Vinyl Surface Test	<u>Conforms</u>
5.8	Fabric and Carpet Test	<u>Conforms</u>
5.9	Leather and Naugahyde Test	<u>Conforms</u>
5.10	Flash Point Test	<u>Informational</u>
5.11	Polycarbonate Crazing Test	<u>Conforms</u>

Respectfully submitted,


Jeff Nottebaum, SMI Inc.
Director


Rae-anne Nottebaum, SMI Inc.
Chemist

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BOEING SPECIFICATION SUPPORT STANDARD

BSS7432

EVALUATION OF AIRPLANE MAINTENANCE MATERIALS

(Version: Original issue, 28-May-2019 / supersedes Boeing D6-17487)

(Note: Boeing D6-17487 was cancelled and superseded by BSS7432 on 28-May-2019)

Category: Exterior and General Cleaners and Liquid Waxes, Polishes and Polishing Compounds

Sandwich Corrosion Test	<u>Conforms</u>
Acrylic Crazing Test	<u>Conforms</u>
Paint Softening Test	<u>Conforms</u>
Hydrogen Embrittlement Test	<u>Conforms</u>

Respectfully submitted,



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AIRBUS
AIMS09-00-002 (Issue 3, July 2011)
EVALUATION OF MAINTENANCE MATERIALS

Exterior and General Cleaners

5.3.1 Sandwich Corrosion Test	<u>Conforms</u>
5.3.2 Total Immersion Test	<u>Does not conform</u>
5.3.3 Hydrogen Embrittlement Test	<u>Conforms</u>
5.3.4 Paint Softening Test	<u>Conforms</u>
5.3.5 Acrylic Crazing Test	<u>Conforms</u>
5.3.6 Polycarbonate Crazing Test	<u>Conforms</u>


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AMS 1526C

Cleaner for Aircraft Exterior Surfaces
Water-Miscible, Pressure-Spraying Type

3.2.1.1	Sandwich Corrosion	<u>Conforms</u>
3.2.1.2	Total Immersion Corrosion	<u>Conforms</u>
3.2.1.3	Low-Embrittling Cadmium Plate	<u>Does not conform</u>
3.2.2	Hydrogen Embrittlement	<u>Conforms</u>
3.2.3	Flash Point	<u>Conforms</u>
3.2.4	Effect on Transparent Acrylic Plastics	<u>Conforms</u>
3.2.5	Effect on Painted Surfaces	<u>Conforms</u>
3.2.6	Effect on Unpainted Surfaces	<u>Conforms</u>
3.2.7	Storage Stability	<u>Not performed</u>

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AMS 1550B
CLEANER, WATER BASE, AIRCRAFT INTERIOR
Hard Surface Materials

3.2 PROPERTIES

3.2.1.1.	Sandwich Corrosion	<u>Conforms</u>
3.2.1.2.	Total Immersion Corrosion	<u>Conforms</u>
3.2.2	Flash Point	<u>Conforms</u>
3.2.3	Effect on Transparent Plastics	<u>Conforms</u>
3.2.4	Effect on Painted Interior Surfaces	<u>Conforms</u>
3.2.5	Effect on Unpainted Interior Surfaces	<u>Conforms</u>
3.2.6	Storage Stability	<u>Not performed</u>

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**Douglas Aircraft Company Customer Service Document
CSD No. 1**


Reissued July 1997

Type I: Materials and Procedures for General Exterior
Cleaning of Painted and Unpainted Surfaces
(General Purpose Cleaner)

Effect on Painted Surfaces	<u>Conforms</u>
Residue	<u>Conforms</u>
Sandwich Corrosion	<u>Conforms</u>
Stress Cracking Test on Acrylic Plastics	<u>Conforms</u>
Immersion Corrosion, Aluminum	<u>Conforms</u>
Cadmium Removal	<u>Does not conform</u>
Hydrogen Embrittlement	<u>Conforms</u>

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NATURE & AVIATION COMBINED

EcoChemPro XL is a fast, effective cleaner degreaser, which is much safer than other comparable degreasers. It's unique formulation includes natural surfactants and glucoside components which help disrupt the surface tension from complex soiling including heavy oil, grease, engine exhaust, bug splatter and general aviation related grime.



The unique combination of nature and chemistry, creates our pH neutral formula that won't burn skin like heavy caustic cleaners. It contains no volatile organic compounds (VOC's) so your people can breath easily when using it, without the need for heavy hazmat suits or face shields.



In addition, post cleaning will not degrade seals, gaskets, bearings and other machine parts.

EcoChemPro XL is non-toxic and biodegradable so it is safer for the environment and aligns well with organizations ESG commitments.

With no heavy acids and alkalis, EcoChemPro XL is the choice for aviation professionals, maintenance technician's and large aviation operators.

When you combine the forces of nature with science you create cleaner, safer more sustainable products for the aviation community.



275 Gal
Tote



55 Gal
Drum



5 Gal
Cube



1 Gal
Bottle



32oz
Spray
Bottle

