



**CERTIFICATION**  
**FP-95A(M)**  
**BATCH # 23792**

| PRODUCT   | DESCRIPTION           | TYPE | METHOD    | SENSITIVITY | FORM | CLASS | APPROVAL DATE |
|-----------|-----------------------|------|-----------|-------------|------|-------|---------------|
| FP-95A(M) | Fluorescent Penetrant | 1    | B, C, & D | 3           | N/A  | N/A   | 21-Mar-2022   |

We hereby certify that this batch of inspection material when tested following manufacture meets the following:

*Certificamos que este lote de material de inspección cumple con los siguientes requisitos cuando es probado después de la fabricación:*

- SAE AMS 2644H and on the Qualified Products List (test reference: AFWAL/MLS 86-88, AFRL/MLS 98-165).
- Is not water soluble
- ISO/FDIS 3452
- Boeing BSS 7039 & BAC 20-20-02
- Safran In-5000c: Snecma sensibilité S3
- Pratt & Whitney FPM PMC #4353-7 AG
- Rolls-Royce RPS-702-7; CSS 232; OMat # 651D, RRP 58003C
- AMS 2647G, ASTM E165/E165M-18, ASTM E-1417/E1417M-21
- NAVSEA 250-1500-1 ¶ 12.5.1.1.1, Rev 18 & T9074-AS-G1B-010/271
- General Electric Aircraft Engines 70-32-02 & Gas Turbines LM6000 PC
- ASME Boiler & Pressure Vessel Code 2019, Section V, Article 6, appendix II-¶641 & II-¶642
- 10 CFR part 21 applies.

PO# \_\_\_\_\_

Is free of all known Ozone depleting substances and mercury contamination and was not made in any mercury bearing equipment. Does not contain polychlorinated biphenyl (PCB), nonylphenol ethoxylates (NPE), or RoHS banned substances.

*Esta libre de todas sustancias degradantes del ozono, de contaminación de mercurio, y no fue fabricado usando equipo conteniendo mercurio. No contiene polychlorinated biphenyl (PCB), nonylphenol ethoxylates (NPE), o RoHS sustancias prohibidas.*

- Shelf life is 5 years from date of batch approval.  
*Vida útil de garantía son 5 años desde la fecha del "approval date".*
- Batch number is on bulk labels or bottom of aerosol cans.  
*Numeros de lote se encuentran en las etiquetas de los botes a granel o en el fondo de los botes de aerosol.*

| QUALITY ASSURANCE TESTS                                         | REQUIREMENTS                                                | BATCH RESULTS          |
|-----------------------------------------------------------------|-------------------------------------------------------------|------------------------|
| Appearance:                                                     | MLC: Clear green liquid, no sediment.                       | Pass                   |
| Density:                                                        | MLC: 885.4 g/L - 978.6 g/L @ 21.1°C (70°F)                  | 947.6 g/L              |
| Flash Point: ASTM D-93, AMS-2644 ¶ 3.3.3, PMC 4353-7            | PMC 4353-7: > 93.3°C (> 200 °F)                             | 212°F                  |
| Viscosity: ASTM D-445, AMS-2644 ¶ 3.3.4, PMC 4353-7             | PMC 4353-7: 6.0 - 8.0 mm <sup>2</sup> /s @ 37.7°C (100°F)   | 7.6 mm <sup>2</sup> /s |
| Fluorescent Brightness: ASTM E-1135-19; AMS-2644 ¶ 3.3.8.3      | AMS-2644: ≥ 90 % of level 4 std. FP-4PE                     | 102 %                  |
| Removability: AMS-2644 ¶ 3.3.8.6                                | MLC: Equal to MLC Level 3 Standard                          | Pass                   |
| Sulfur Content: per ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4        | ISO 3452: ≤ 200 ppm (0.02 %); PMC 4353-7: <1000 ppm ( 0.1%) | < 200 ppm              |
| Chloride Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4          | ISO 3452: ≤ 200 ppm (0.02 %); PMC 4353-7: < 400 ppm (0.04%) | < 200 ppm              |
| Fluoride Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4          | PMC 4353-7: ≤ 50 ppm (0.005 %)                              | < 50 ppm               |
| Total Halogen Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4     | ISO 3452: ≤ 200 ppm (0.02 %)                                | < 200 ppm              |
| Sodium Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4, MCL M-504 | PMC 4353-7: ≤ 100 ppm (0.01 %)                              | < 100 ppm              |

**MET-L-CHEK QUALITY ASSURANCE**

**BATCH TESTED BY:**

**DENNIS MASON**  
QC CHEMIST

**BATCH APPROVED BY:**

**JUSTINE FORD**  
PLANT CHEMIST



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