

CERTIFICATION



E-50

Batch #: 27785

Product	Description	Type	Method	Sensitivity	Form	Class	Approval Date
E-50	Penetrant Emulsifier	II	B	L1*	N/A	N/A	22-MAR-23

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 despues de la fabricación:

- SAE AMS 2644H and on the Qualified Products List (test reference: AFWAL/MLS 86-88).
- Dassault IQ-1-0-1
- MIL-STD-2132 ¶ 7.1.3
- ISO/FDIS 3452-2:2021, EN 571-3*
- NAVSEA 250-1500-1 ¶ 12.5.1.1.1, Rev 18
- RCC-M edition 2000, Section V-F, sub-section F6423 ¶ 3
- Framatome ANP Seimens AG; NFQS DC 103 Rev B 2004 ¶ MC 4200
- ASTM E-165/E165M-18, ASTM E-1417/E1417M-21, ASTM E1418-21
- ASME Boiler & Pressure Vessel Code 2021, Section V, Article 6, appendix II-¶-641 & II-¶-642
- NAVSEA 250-1500-1 ¶ 12.5.1.1.1, Rev 18, T9074-AS-G1B-010/271 supersedes MIL-STD-271(SH) ¶ 5.6.1(93)
- 10 CFR part 21 applies.

• Shelf life is 5 years from date of batch approval.

Vida útil de garantia 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.

Is free of mercury contamination and was not made in any mercury bearing equipment. Is free of all known Ozone depleting substances. Does not contain Polychlorinated Biphenyl (PCB's) or RoHS banned substances.

Está libre de contaminación de mercurio, y no fue fabricado usando equipo conteniendo mercurio. Esta libre de todas sustancias degradantes del ozono. No contiene Polychlorinated Biphenyl (PCB's) o RoHS sustancias prohibidas.

TEST DESCRIPTION	UNIT	SPECIFICATION	RESULT
Density: ISO 3452-2:2021 ¶ 6.3	G/L	710.1 - 867.9	789.2
Viscosity: ASTM D445-21; AMS 2644H ¶ 3.3.4; ISO 3452-2:2021 ¶ 6.4	MM2/S	1.6 - 1.9	1.7
Performance Level 2 (50 micron): AMS 2644H ¶ 3.3.8.6; ISO 3452-2:2021 ¶ 6.2	%	100 Minimum	100
Performance Level 2 (30 micron): AMS 2644H ¶ 3.3.8.6; ISO 3452-2:2021 ¶ 6.2	%	75 Minimum	90
Flash Point: ASTM D93-20	C	62.2 Minimum	68.0
Sulfur Content: ASTM E165/E165M-18 ¶ 9.1.2, Annex A4	PPM	200 Maximum	14
Chloride Content: ASTM E165/E165M-18 ¶ 9.1.2, Annex A4	PPM	200 Maximum	8
Total Halogen Content: ASTM E165/E165M-18 ¶ 9.1.2, Annex A4	PPM	200 Maximum	17
Appearance	P/F	Clear liquid, no sediment	PASS

This certificate of analysis has been transmitted electronically and is valid without a signature

