



CERTIFICATION

E-57

BATCH #16548

PRODUCT	DESCRIPTION	TYPE	METHOD	SENSITIVITY	FORM	CLASS	APPROVAL DATE
E-57	Lipophilic Emulsifier	1	B	N/A	N/A	N/A	25-JUNE-2020

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:

- Certified to SAE AMS 2644G and on the Qualified Products List (test reference: AFWAL/MLS 86-88).
- ISO/FDIS 3452-2006
- ASTM E165/E165M-18, ASTM E1417/E1417M-16
- T9074-AS-G1B-010/271 superceedes MIL-STD-2132 ¶ 7.1.3
- ASME Boiler & Pressure Vessel Code 2017, Section V, Article 6, appendix II-¶-641 & II-¶-642
- 10 CFR part 21 applies

PO# _____

- Warranty 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.

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.*

QUALITY ASSURANCE TESTS	REQUIREMENTS	BATCH RESULTS
Appearance: ISO 3452-2:2006(E) ¶ 7.1	Clear liquid, no sediment.	PASS
Density: ISO 3452-2:2006(E) ¶ 7.3	817.2 g/L - 998.8g/L @ 21.1°C (70°F)	902 g/L
Viscosity: ASTM D-445, AMS-2644G ¶ 3.3.4, ISO 3452-2:2006(E) ¶ 7.4	27.0-34.4 mm ² /s @ 37.7°F(100°F)	28.6 mm ² /s
Performance: AMS-2644G ¶ 3.3.8.6, ISO 3452-2:2006(E) ¶ 7.2	Equal to MLC Standard	PASS
Flash Point: AMS-2644G ¶ 3.3.4; ISO 3452-2:2006(E) ¶ 7.5: ASTM D-93	≥ 93.3 °C(≥ 200 °F)	> 200°F
Water Tolerance: ISO 3452-2:2006(E) ¶ 7.10	≥ 5 %	12.1%

MET-L-CHEK QUALITY ASSURANCE

BATCH TESTED BY:

RICK VALDEZ
LAB TECHNICIAN

BATCH APPROVED BY:

PETER PELAYO
QUALITY MANAGER
ASNT/NAS 410 LEVEL 3

Rev. 7/19



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