



# CERTIFICATION

## MPI-80

## BATCH # 16427

PRODUCT	DESCRIPTION	TYPE	METHOD	SENSITIVITY	FORM	CLASS	APPROVAL DATE
MPI-80	Magnetic Particle Bath	Black	Wet	7	Liquid	N/A	12-Mar-21

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:*

- ISO-9934-2.
- ASTM E-709-15.
- AMS 2641A-96, Type I.
- ASTM E1444/E1444M-16.
- AMS 3041 or AMS 3043 (aerosol).
- ASME Boiler & Pressure Vessel Code 2017, Section V, Article 7 & Article 25.
- 10 CFR part 21 applies.

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

- Warranty shelf life is 3 years from date of batch approval.  
*Vida útil de garantía son 3 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
Density:	729 g/L - 891 g/L @ 70°F(21.1°C)	816 g/L
Performance: Relative Sensitivity ASTM E1444/E1444M-16 ¶ 7.2.3 Appendix X2.4.	Equal to standard on MSC Type 2000; > 5	8
Flash Point: per ASTM D-93, ISO-9934-2 ¶ 7.7	> 93°C(>200°F) PMCC	203°F
Viscosity : ASTM D-445-01; ISO-9934-2 ¶ 7.9	≤ 3 mm <sup>2</sup> /s @ 100 °F (37.7 °C)	2.1mm <sup>2</sup> /s
Settling Volume - Bulk- ASTM E1444/E1444M-16 ¶ 7.2.1.1	1.5 - 2.4 ml.	NA
Settling Volume - Aerosol- ASTM E1444/E1444M-16 ¶ 7.2.1.1	1.7 - 2.5 ml.	1.7 mL

### MET-L-CHEK QUALITY ASSURANCE

BATCH TESTED BY:

DENNIS MASON  
QC CHEMIST

BATCH APPROVED BY:

JUSTINE FORD  
PLANT CHEMIST



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