MAGNAFLUX

Certification

Product Name	**14AM Prepared Magnaglo Bath**	Batch Number	**26J032**
Date	**09/10/2026**	Best By Date	**09/2031**
Classification	**Oil-based fluorescent magnetic particle**	Purchase Order	

It is hereby certified that the above listed magnetic particle inspection material and batch number meets the require-ments of the following specifications:

- ASME Boiler and Pressure Vessel Code, Section V 2007-2025 Edition, Nondestructive paragraph-731(B) and Article 25 as applicable.
- ASTM E-709-21, Paragraphs 8.1.3, 8.5.4, 8.5.4.1 and 8.5.5.
- NAVSEA 250-1500-1, Rev 19, Para. 12.4.1.6., 12.4.2.3, 12.4.2.3.1,and 12.4.2.3.2.
- ASTM E-1444/E1444M-26 Para. 5.5.1-2
- ASTM E-3024/E3024M-22a, Para. 5.5.2-3
- •NAVSEA T9074-AS-GIB-010/271 (September 11, 2014 Rev 1) Paragraph 4.3.2.2-4 and 4.3.2.6.1
- MIL-STD-2132E, March 29, 2016, Paragraphs 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6 and 6.2.7.
- The flash point of the material is over 200º F when tested by the Pensky-Marten's Closed Cup Method (ASTM D-93).
- The vehicle meets the requirements of A-A-59230, July 7, 1998 including Notice 1,2,3,4.
- The vehicle meets the requirements of AMS 2641D, Rev. 2020-10. The vehicle is classified as Type 1 according to paragraph 1.3.

Specifications AMS 3045F

Test	Section	Requirement	Result
Contamination	3.3.1	No foreign material agglomeration of scum	Conforms
Concentration	3.3.2	0.1-0.4 ml magnetic particle/100ml, >30 min	Conforms
Sensitivity (Ring test)	3.3.3.1	7 Hole indications shown. Indications sharp, background acceptable.	Conforms

It is further certified that this material does not contain mercury as a basic element and that no mercury bearing equipment has been used in its manufacture.

Batch Numbers appear on labels of bulk containers and on bottoms of aerosol cans.

Approved by:

Quality Control Manager

Notes:
1. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.

magnaflux.com

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155 Harlem Ave.
Glenview, IL 60025
P: 1-847-657-5300

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Specification: **ISO 9934-2:2015**

Organic Carrier Liquid for Magnaglo® 14AM

Test	Section	Requirement	Result
Flash Point	7.7	Report	221
Fluorescence of Carrier Liquid	7.6	Comparison with reference (Quinine sulphate solution)	PASS

Magnaglo® 14AM

Test	Section	Requirement	Result
Performance	7.1	Performance on reference block 1 compared to standard photo. Determination of lengths of reference block 2	PASS 6
Colour	7.2	Comparison with Standard Photo	PASS
Particle Size	7.3	Dl (10%)=Report Da or Median=Report Du (90%)=Report	6.28 µm 10.41 µm 15.88 µm
Flourescent-Coefficient	7.5	Shall be within 10% of the type tested value of 2.39	PASS
Viscosity, Dynamic	7.9	<5 m Pa ·s@20C	3.35
Mechanical Stability Short Term Test	7.10	Indications on Reference Blocks 1 and 2 compared to indications from original sample. No discernable changes allowed.	PASS
Foaming and Storage Stability	7.11	No significant foaming	PASS
Storage Stability	7.13	Expiration date on package	YES

Approved by:

Quality Control Manager

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