

BATCH TEST CERTIFICATE

Date : 19/02/2026
Product : 14AM Oil-Based Fluorescent Magnetic Particle Suspension
Batch No : 26B37
Mfd. in : FEBRUARY 2026

We hereby certify that when tested at time of manufacture, the above material:

1. Meets the requirements of the following specifications:
 - A. ASME Boiler and Pressure Vessel Code, Section V, 2004, 2007, 2010, 2013, 2015, 2017,2019,2021 and 2023 Edition, Nondestructive Examination, including 2005, 2006, 2008, 2009b and 2011a Addenda, Paragraph T-731(B) and Article 25 as applicable.
 - B. ASME Boiler and Pressure Vessel Code, Section V 1995, 1998 and 2001 Edition, Nondestructive Examination, including 1995 Winder Addenda, 1999, 2000, 2002 and 2003 Addenda, Paragraphs T-752, T-731(B) and Article 25 as applicable.
 - C. ASTM E-709-21, Paragraphs 8.1.3, 8.5.4, 8.5.4.1 and 8.5.5.
 - D. ASTM E-1444 / E1444M-22 and ASTM E-3024/E3024M-22a, Paragraphs 5.5.2 and 5.5.3
 - E. The flash point of the material is over 200°F when tested by the Pensky-Marten's Closed Cup Method (ASTM D-93).
 - F. The vehicle meets the requirements of A-A-59230, July 7, 1998 including Notice 2.
 - G. The vehicle meets the requirements of AMS 2641D, Rev 2020-10. The vehicle is classified as Type 1 according to paragraph 1.3.

2. We further certify that this material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.



Quality Assurance

Note:

Batch numbers are printed on the base of aerosol cans and on the label of bulk containers

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ITW India Private Limited, Plot No.51, 52, 207 & 208, Phase II, IDA, TSIIIC, Pashamylaram, Sangareddy Dist.- 502 307, Telangana State, India
Telephone: +91 8455 224710, Facsimile: +91 8455 224709, Email: magnafluxinfo@magnafluxindia.com, Website: www.magnaflux.in

Regd. Office: ITW India Private Limited, Level 1, Lotus Plaza, 732/1, Mehrauli Gurgaon Road, Sector - 14, Gurgaon - 122 001, Haryana, India.
Telephone : +91 - 124 - 4284381, Facsimile : +91 - 124 - 4284389, E-mail : infoindia@itw.com

Corporate Identity Number (CIN) : U32301HR1979PTC038643

CERTIFICATION

3. We hereby certify that the fluorescent magnetic particle inspection material Type 14AM Prepared bath,
 Batch No. 26B37 manufactured in FEBRUARY 2026 meets the requirements of BS EN ISO
 9934-2: 2015 with the following results:

Organic Carrier Liquid for Magnaglo® 14AM

Individual Property	Section	Requirement	Result
Flash point	7.7	Report	>203 ° F
Fluorescence of Carrier liquid	7.6	Comparison with reference (Quinine sulphate solution)	PASS

Magnaglo® 14AM

Individual Property	Section	Requirement	Result
Performance	7.1	Performance on reference block1 compared to standard photo. Determination of lengths of reference block 2	PASS
			8
Colour	7.2	Comparison with Standard Photo	PASS
Particle Size	7.3	D(10%)>= 1.5 mic*** D or Median =Report D(90%)<= 40 mic	6.45
			11.67
			18.41
Fluorescent coefficient	7.5	Shall be within 10% of the type tested	100.19
Viscosity,Dynamic	7.9	< 5 mPa.s@20 deg C	2.38 mPa.s
Mechanical stability short term test	7.10	Indications on Reference blocks 1 and 2 compared to indications from original sample.No discernable changes	PASS
Foaming	7.11	No significant foaming	PASS
Storage stability	7.13	Expiration date on package	YES

***The "particles size" EN 9934-2 requires a technically not reasonable limit for d1. Suitable magnetic particle may have particles in the lower range. The requirement for d1>= 1.5UM as a boundary can be exceeded.

Bhaskar Veeravalli

Quality Assurance

