Inspection Certificate
Abnahmeprüfungszeugnis DIN EN 10204.3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport

Batch Number	**261006**	**Product Name**	Magnavis 7HF Oil Based Black MPI Ink Aerosol
Date of Manufacture	05/10/2026 08/10/2026	**B.B.E.**	10/2031

Specification: Specification

Specification
We certify that the above Magnetic Particle Inspection Material meets the requirements of the following specifications:

A. (For Aerosols only) AMS-3043F Paragraphs 3.1, 3.2, 3.3.1 to 3.4.2

B. ASME Boiler and Pressure Vessel Code, 2025 Edition, Section V, Non-destructive Examination.

C. ASTM E 709-21, Paragraphs 8.1.2, 8.2, 8.3, 8.5 & 8.5.3.

D. ASTM E1444/E1444M-26, Paragraphs 5.5.2 and 5.5.3.

E. ASTM E3024/E3024M-22a, Paragraphs 5.5.3 and 5.5.4.

F. MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.

G. AMS 2641D Type 1 Oil vehicle. Flash point greater than 93ºC.

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

Specification: AMS 3041G Specification

We hereby certify that the above Magnetic Particle Inspection Material meets the requirements of Aerospace material specification AMS-3041G, Magnetic Particles, Non-Fluorescent, Wet method, Oil vehicle.

Test	Section	Limit	Result
Contamination - Foreign Material	3.3.1	No foreign material	Passed
Contamination - Scum	3.3.1	No Scum	Passed
Contamination - Agglomeration	3.3.1	No Agglomeration	Passed
Concentration	3.3.2	1.2 - 2.4 mL magnetic particles per 100mL	1.3mL
Sensitivity-Ketos Ring Indications (SMT 24)	3.3.3	6 hole indications shown	6 indications
Colour	3.3.4	Black, red, grey, or as specified	Passed
Particle Size by Sieve (SMT 16)	3.3.5	Not less than 98% by weight shall pass through the sieve	Passed
Durability	3.3.6	Magnetic particles shall retain their initial sensitivity and colour	Passed

Specification: EN ISO 9934-2

When tested at the time of manufacture the following results were obtained.
The information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

Test	Section	Limit	Result
Performance Reference block 1	7.1 in EN ISO 9934-2	Indication on Reference Block 1 (#072814)	Passed
Performance Reference block 2	7.1 in EN ISO 9934-2	Total length of indication on Reference Block 2	9cm
Particle Size - da (SMT 41)	7.3 in EN ISO 9934-2	0.2 - 2.0um	0.28µm
Flashpoint (SMT 14)	7.7 in EN ISO 9934-2	Report as found	100.5 °C

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Viscosity	7.9 in EN ISO 9934-2	Less than 5mPa s at 20°C	2.94 mPa s at 20°C
Foaming	7.11 in EN ISO 9934-2	No significant foaming	Passed
Storage Stability	7.13 in EN ISO 9934-2	5 Years	Passed

--- EOR ---

Prepared by **Approved by**



Notes:
1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.

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