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

| | | | |
|---|---|---|---|
| **Batch Number** | **2610010** | **Product Name** | Magnaglo MX/MG Carrier II |
| **Date of Manufacture** | 06/10/2026 | **B.B.E.** | 10/2031 |

**Specification: Specification:-**

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

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

B. ASTM E-709-21, Paragraphs 8.1.3, 8.5.4, 8.5.4.1, and 8.5.5.

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

D. NAVESEA T9074-AS-GIB-010/271, 30 April 1997, Paragraph 4.3.2.2, 4.3.2.3, 4.3.2.4, 4.3.2.6.1, including Notice 1.

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

F. The flash point of the material is over 93°C PMCC (ASTM D-93).

G. The vehicle meets the requirements of A-A-59230, 7 July 1998 including Notice 1.2,3 & 4.

H. The vehicle meets the requirements of AMS 2641D. The vehicle is classified as Type I according to Paragraph 1.3.

I. ISO 9934-2

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

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**Specification: Test Results:-**

| Test | Section | Limit | Result |
|---|---|---|---|
| Fluorescence of Carrier Fluid | 7.6 | Not brighter than quinine sulphate solution | Passed |
| Flashpoint (SMT 14) | 7.7 | Report as found | 102.5 °C |
| Viscosity | 7.9 | Less than 5mPa s at 20°C | 2.04 mPa s at 20°C |
| Storage Stability | 7.13 | 5 Years | Passed |

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**Specification: Pratt & Whitney Aircraft Results**
VENDOR'S REPORT - TEST RESULTS

REPORTS, MATERIALS CONTROL LABORATORY
PRATT & WHITNEY AIRCRAFT
(Plant to which material is shipped)

This is to certify that paragraph number 1 + 5 apply to the shipment described below (Insert at least one of the first 4, plus 5 if applicable)

1. (Applicable to all raw material, to parts made from raw material furnished or purchased by vendor, or to assemblies of which some or all components are made from raw materials furnished or purchased by vendor) Material, parts, or components of assemblies have been inspected & accepted to the specifications involved, & results of tests required by PWA are as shown herein.

2. (Applicable to parts or assembly components made from raw material furnished by PWA and not chemically or metallurgically treated by vendor so as to change surface or internal condition significantly) Parts or assemblies have been machined or formed from material furnished by PWA to make these parts or components of assemblies.

3. (Applicable to parts or assembly components made from raw material furnished by PWA and chemically or metallurgically treated by vendor so as to change surface or internal condition significantly) Parts or components of assemblies have been made from raw material furnished by PWA to make these parts or components of assemblies. Parts, components of assemblies, or assemblies have been inspected and accepted to the specifications involved, and results of tests required by PWA are as shown herein.

4. (Applicable to repaired or reworked raw material, parts or assemblies) The raw material, parts or assemblies have been reworked or repaired in accordance with PWA instructions, and are the same material, parts or assemblies returned for such reworking or repair, except for replacement of

assembly components, in which case paragraphs 1 & 5 are also applicable.

5. (Applicable to all assemblies, and to parts when specifically, authorised by purchaser) Results of all chemical and physical tests not shown below as well as all other evidence which shows acceptability of raw materials & assembly components, are on file and available for inspection at any reasonable time.
PART OR ASS'y NO (Size if no part no): PMC 1887-1
CHG.LTR:
SPECIFICATION AS ORDERED * PWA 300 Rev. BV
QUANTITY:
DATE SHIPPED:
QUANTITY:
DATE SHIPPED:
LOCATION OF PWA PLANT SHIPPED TO:
PACK SUB NO:
PO NO:
HEAT, LOT, CODE or BATCH NO: As listed above
RAW MATERIAL VENDOR:
TYPE COMPOUND or CASTING: Carrier II
PWA HEAT CODES:
* If material, parts or assemblies do not entirely conform to specification requirements, the deviation and authority for furnishing such material are indicated below:
Magnaflux certifies that Carrier II meets the requirements of PMC 1887-1.

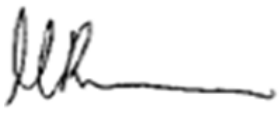
| Test | Section | Limit | Result |
|---|---|---|---|
| Flashpoint (SMT 14) | | >93°C | 102.5 °C |
| AMS 2641 | | Meets | Passed |
| Sulphur Content (S) | | <200 ppm | 15ppm |
| Kinematic Viscosity (SMT 17) | | <3 mm2/s (cSt) @ 38°C | 2.48 mm2/s (cSt) @ 38°C |
| Fluoride Content | | Report as found | <10ppm |
| Chloride Content | | Report as found | 24ppm |

--- 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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