

Sept. 17, 2025

**CERTIFICATION**

We hereby certify that samples of the material identified below by batch number, have been analyzed in accordance with test methods that meet and/or exceed the detection limits for fluoride, chloride, and sulfur per ASME Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998 - 2019 Editions and addenda, with the following results:

|                  |                | <b>FLUORIDE</b>        | <b>CHLORIDE</b>        | <b>SULFUR</b>          |
|------------------|----------------|------------------------|------------------------|------------------------|
|                  |                | <b>ASTM E165</b>       | <b>ASTM E165</b>       | <b>ASTM E165</b>       |
|                  |                | <b><u>ANNEX A4</u></b> | <b><u>ANNEX A4</u></b> | <b><u>ANNEX A4</u></b> |
| <b>DUBL-CHEK</b> | <b>HM-7 04</b> | <b>&lt;0.0001 % BW</b> | <b>&lt;0.0001 % BW</b> | <b>&lt;0.0001 % BW</b> |
| <b>BATCH NO.</b> | <b>511-Y45</b> |                        |                        |                        |

We further certify that this material meets or exceeds the requirements of AMS2644H, MIL-I-25135, Revision E and ASTM E1417.

Copies of the certification and laboratory reports are on file in our office for your inspection.

**SHERWIN INCORPORATED**  
**Q.C. Laboratory**

## CERTIFICATE OF CONFORMANCE

Product: HM-704

Date: Sept. 17, 2025

Batch No.: 511-Y45

Type: I      Sensitivity level: 4      Methods: A and C

The material meets the requirements of AMS 2644H. Results of the required quality conformance tests, as stipulated by paragraph 4.3.2, are listed below.

| <u>Test Method Paragraph</u> | <u>Test Description</u>                                | <u>Results</u> |
|------------------------------|--------------------------------------------------------|----------------|
| 3.3.3                        | Flash point i.a.w. ASTM D93                            | >230°F         |
| 3.3.4                        | Viscosity i.a.w. ASTM D445 at 100 ± 1°F                | 26.13 cSts     |
| 3.3.8.3.2                    | Fluorescent brightness i.a.w. ASTM E1135 (Type I only) | 122.0%         |
| 3.3.8.5                      | Water tolerance                                        | 28.0%          |
| 3.3.8.6                      | Removability                                           | Conforms       |
| 3.3.8.7                      | Water Content                                          | 0.19%          |
| ---                          | Fluoride content i.a.w. ASTM E165, Annex 4             | <0.0001%BW     |
| ---                          | Chloride content i.a.w. ASTM E165, Annex 4             | <0.0001%BW     |
| ---                          | Sulfur content i.a.w. ASTM E165, Annex 4               | <0.0001%BW     |

It is further certified that this material is listed or approved for listing on QPL-AMS-2644. It also meets the requirements of MIL-I-25135E, ASTM E1417, and MIL-STD-6866.

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