SHERWIN
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CERTIFICATION

October 8, 2024

Product: HM-3A

Batch No.: 412-Y73

Type: 1 Methods: A and C

Sensitivity Level: 2

It is hereby certified that this material has been manufactured in accordance with, and conforms to, AMS 2644J. Results of the required quality conformance tests, as stipulated by paragraph 4.3.2, are listed below.

Test Method Paragraph	Test Description	Results
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	6.89 cSts
3.3.8.3.3	Fluorescent brightness i.a.w. ASTM E1135 (Type I only)	90.3%
3.3.8.5	Water tolerance	9.9%
3.3.8.7	Removability	Conforms
3.3.8.8	Water Content	0.17%
---	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. The material was analyzed in accordance with and meets the detection limits for fluoride, chloride, and sulfur per ASME Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998 - 2023 Editions and addenda. It also meets the requirements of ASTM E1417.

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Q.C. Laboratory

DUBL-CHEK PENETRANT PROCESS