

Date: September 13, 2023

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 - 2023 Editions and addenda, with the following results:

	FLUORIDE ASTM E165 <u>ANNEX A4</u>	CHLORIDE ASTM E165 <u>ANNEX A4</u>	SULFUR ASTM E165 <u>ANNEX A4</u>
DUBL-CHEK I-319	<0.0001% BW	<0.0004% BW	<0.0001% BW
BATCH NO. 38-Y66			

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

Date: September 13, 2023

Product: I-319

Batch No.: 38-Y66

It is hereby certified that this material has been tested in accordance with AMS2644 and or AMS3158*. Results of the quality conformance tests are listed below.

<u>Test Method Paragraph</u>	<u>Test Description</u>	<u>Results</u>
3.2.3	Flash point i.a.w. ASTM D3828	>200°F
3.3.4	Viscosity i.a.w. ASTM D445 at 100 ± 1°F	12.73 cSt
3.2.5, AMS3158	Specific gravity	1.0237 @ 77°F
3.29, AMS3158	Fluorescent brightness i.a.w. ASTM E1135 (Type I only). Tested against reference sample	120.6%
3.3.8.6	Removability	Conforms
---	Fluoride content i.a.w. ASTM E165, Annex 4	<0.0001%BW
---	Chloride content i.a.w. ASTM E165, Annex 4	<0.0004%BW
---	Sulfur content i.a.w. ASTM E165, Annex 4	<0.0001%BW

* Per AMS 3158 "the sample solution shall be approved by purchaser before solution for production use is supplied, unless such approval be waived." Use of this batch as meeting AMS 3158 signifies that the purchaser has waived approval of the impact and corrosion tests.

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