

January 21, 2016

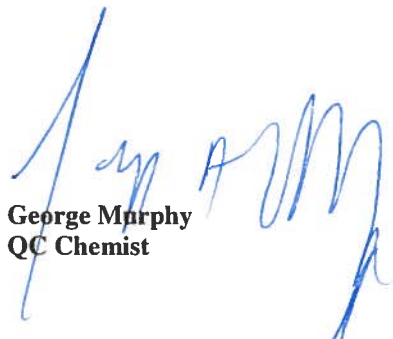
CERTIFICATION

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 ASM Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998 - 2013 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 DP-54	<0.0007% BW	<0.0012% BW	<0.0012% BW
BATCH NO. 618-AS10			

We further certify that this material meets or exceeds the requirements of AMS 2644, 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
George Murphy
QC Chemist

Revision: August 2001

CERTIFICATE OF CONFORMANCE

Date: January 21, 2016

Product: DP-54

Batch No.: 618-AS06

Type: II Methods: A and C

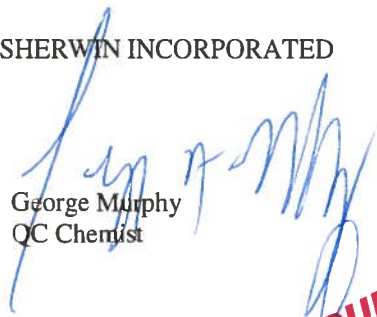
It is hereby certified that this material has been tested in accordance with AMS 2644. Results of the required quality conformance tests, as stipulated by paragraph 4.3.2, are listed below.

<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	9.60 cStS
3.3.8.5	Water tolerance (Method A only)	51.0% csts
3.3.8.6	Removability	Conforms
---	Fluoride content i.a.w. ASTM E165, Annex 4	<0.0007% BW
---	Chloride content i.a.w. ASTM E165, Annex 4	<0.0012% BW
---	Sulfur content i.a.w. ASTM E165, Annex 4	< 0.0012% 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.

Revision: January 2000

SHERWIN INCORPORATED


George Murphy
QC Chemist

