

CERTIFICATE OF CONFORMANCE

December 10, 2025

Product: MPF – Magnetic Particle Fluid

Batch No.: 51-L60

It is hereby certified that this material has been manufactured in accordance with, and conforms to ASTM E1444, MIL-STD-1949, A-A-59230 and AMS 2641 Type I. Results of the required quality conformance tests are listed below.

	<u>Test Description</u>	<u>Results</u>
3.2.1	Flash point i.a.w. ASTM D93	227°F
3.2.2	Viscosity i.a.w. ASTM D445 at 100 ± 1°F	2.70 cSts
3.2.6	Odor	Conforms
3.2.3	Background fluorescence	Conforms
	Chloride content i.a.w. ASTM E165, Annex 4	0.0001% BW
	Sulfur residue i.a.w. ASTM E165, Annex 4	0.0001% BW
	Fluoride residue i.a.w. ASTM E165, Annex 4	0.0002% BW

It is further certified that this material meets the requirements of ASME B&PV Code Section V and ASTM E709.

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