

CERTIFICATE OF CONFORMANCE

August 21, 2025

Product: MPF – Magnetic Particle Fluid

Batch No.: 55-H60

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	>230°F
3.2.2 Viscosity i.a.w. ASTM D445 at 100 ± 1°F	2.73 cSts
3.2.6 Odor	Conforms
3.2.3 Background fluorescence	Conforms
Fluoride content i.a.w. ASTM E165, Annex 4	0.0001% BW
Chloride residue i.a.w. ASTM E165, Annex 4	0.0002% BW
Sulfur residue i.a.w. ASTM E165, Annex 4	0.0004% 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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