

CERTIFICATE OF CONFORMANCE

July 30, 2024

Product: MPF – Magnetic Particle Fluid

Batch No.: 414-G60

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>
Flash point i.a.w. ASTM D93	>230°F
Viscosity i.a.w. ASTM D445 at 100 ± 1°F	2.75 cSts
Background fluorescence	Conforms
Fluoride content i.a.w. ASTM E165, Annex 4	0.0001% BW
Chloride residue i.a.w. ASTM E165, Annex 4	0.0001% BW
Sulfur residue i.a.w. ASTM E165, Annex 4	0.0001% BW

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

Sherwin Incorporated



Q.C. Laboratory