

Product Name	Zyglo Emulsifier, ZE-4E	Batch Number	25J041
Date	09/16/2025	Best By Date	09/2030
Classification	Lipophilic emulsifier	Purchase Order	

It is hereby certified that when tested at the time of manufacture, the above listed material and batch number meets the requirements of and has been tested for Sulfur and Halogens according to:

- ASME Boiler and Pressure Vessel Code, Section V 2025 Edition, Nondestructive Article 6 paragraph T-641 and Article 24 as applicable.
- ASTM 165/E-165M-23 Paragraph 7.1.
- NAVSEA T9074-AS-GIB-010/271 (April 30, 1997, including Notice 1, September 11, 2014) Paragraph 5.3.1 and 5.6.2
- MIL-STD-2132E, March 29, 2016, Paragraphs 7.1, 7.1.2 and 7.1.3, Appendix C, Paragraph 40.

The following test results were obtained:

Sulfur 289.499 ppm 0.0290 wt., % CL+F <10 ppm <.0010 wt., %

Specification: ASTM 1417, Paragraph 5.1 Meets requirements

Meets requirements.

Specification: AMS 2644J.

When tested according to paragraph 4.3.2, Sampling Plan A, the following test results were obtained:

- 4.2.2.2 Emulsifier Tests:

Test	Requirements	Result
Flash Point (PMCC)	3.3.3	276 ° F
Viscosity (23.17 cs. Nominal)	3.3.4	23.86 cs@100 ° F
Water Content (Method B and D Only),	3.3.9.6	0.30 %

It is further certified that this material does not contain mercury as a basic element and that no mercury bearing equipment has been used in its manufacture.

Approved by:



Quality Control Manager

Notes:

1. Our batch number appears on the bottom of all aerosol cans and on the label of all bulk containers.
2. Most specifications require test results to be stated in percent but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.