

## Inspection Certificate

Abnahmeprüfungszeugnis DIN EN 10204.3.1  
Certificat De reception  
Certificado di collaudo  
Keuringsrapport



Batch Number	2505021	Product Name	Zyglo ZE-4B Lipophilic Emulsifier
Date of Manufacture	13/05/2025	B.B.E.	05/2030

### Specification: Specification:

#### Specification

We hereby certify that when tested at the time of manufacture, the above material:

1. Meets the requirements of and has been tested for sulfur and halogens according to:

a) ASME Boiler and Pressure Vessel Code, 2023 Edition, Section V, Non-destructive Examination.

b) Anion analysis by ASTM D129 decomposition followed by Ion Chromatography method Annex A4.

c) ASTM E-165/E-165M-18, Paragraph 7.1.

d) MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.

2. Meets the requirements of AMS 2644J and ASTM E 1417/E 1417M-21Paragraph 5.1 & 6.5.1.

3. We further certify that the material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

#### Specification: AMS 2644J Emulsifier Test Results

When tested according to paragraph 4.3.2 section 4.2.2.2 of AMS 2644J the following results were obtained:

Test	Section	Limit	Result
Flashpoint (SMT 14)	3.3.3		125.1°C
Viscosity	3.3.4		24.79 mm <sup>2</sup> /s @ 38°C

#### Specification: Ion Testing Results

Test results obtained were as follows:

Test	Section	Limit	Result
Halogen Content (F + Cl)			0.0022%
Sulphur Content (S)			0.013%

--- EOR ---

Prepared by

Approved by

#### Notes:

1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results 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. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.