

Inspection Certificate (In accordance with EN 10204 Type-3.1)

Product: Z801 Cart oil

Carrier oil For Magnetic Particle Inspection

Batch No.: 230568

Mfg. Date: 05/23

We certify that the above product, when tested at the time of manufacturing meets the following requirements.

- *ASME Boiler and Pressure Vessel Code 2010, 2013, 2017, 2019, 2021 Edition Section V, Nondestructive Examination including, Article 7, including 2005, 2006, 2008, 2009b and 2011a Addenda, paragraph T-731, paragraph T-765 and Article -25 as applicable.*
- *ASTM E709-21 paragraph 8.4, 8.4.4, 8.4.4.1*
- *AMS 2641 D*

Parameter	Test Method	Quality requirement	Batch Result
Viscosity	AMS 2641-3.2.2	< 3cSt @ 38deg. C	2.66cSt @ 38deg.C
Flash point	AMS 2641-3.2.1.1 Type-1	> 93deg.C	103deg.C
Odor	AMS 2641- 3.2.6	No offensive, No objectionable odor	Confirms
Color	AMS 2641-3.2.7	Not darker than No.1 ASTM color	Confirms

- *ASTM E1444/E 1444M-21, Paragraphs 5.8.3*
- *ASTM E3024/E3024M-22A*



• **EN ISO 9934-2-2015**

Parameter	EN ISO 9934-2	Quality requirement	Batch Result
Flash point	7.7	Report as found	103deg.C
Fluorescence of carrier liquid	7.6	Not more fluorescence than quinine sulphate solution	Confirms
Viscosity	7.9	Less than 5.0mPa @ 20deg.c	4.0mPa @ 20deg.C
Storage stability	7.13		5 years

Notes:

1. Bulk material has a minimum shelf life of 5 years and Aerosol has minimum shelf life of 3 years.
2. EN ISO 9934-2 (7.15) specification require test results stated in ppm, but some require in percentage. To convert ppm to percentage, divide the ppm value by 10,000.

Signature

Manager Operations

