



ZChem Specialities Pvt. Ltd.

Global Pioneer in NDT
Consumables & Equipment



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

Product: ZChek-801 Cart oil

Carrier oil For Magnetic Particle Inspection

Batch No.: 260594

Mfg. Date: 05/2026

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

- *ASME Boiler and Pressure Vessel Code, Section V, 2004, 2007, 2010, 2013, 2015, 2017,2019 and 2021,2023,2025 Edition, Nondestructive Examination, including 2005, 2006, 2008, 2009b and 2011a Addenda, Paragraph T-731(B) and Article 25 as applicable.*
- *ASME Boiler and Pressure Vessel Code, Section V 1995, 1998 and 2001 Edition, Nondestructive Examination, including 1995 Winder Addenda, 1999, 2000, 2002 and 2003 Addenda, Paragraphs T-752, T-731(B) and Article 25 as applicable.*
- *ASTM E709-21 Paragraphs, 8.1.3,8.5.4,8.5.4.1.*
- *AMS 2641D*

Parameter	Test Method	Quality requirement	Batch Result
Viscosity	AMS 2641D-3.2.2	< 3 cSt @ 38 deg. C	2.60 cSt @ 38 deg.C
Flash point	AMS 2641D-3.2.1.1 Type-1	> 93 deg.C	103 deg.C
Odor	AMS 2641D- 3.2.6	No offensive, No objectionable odor	Confirms
Color	AMS 2641D-3.2.7	Not darker than No.1 ASTM color	Confirms

- *ASTM E1444/E 1444M-22, Paragraph, 5.5.2.*
- *ASTM E3024/E3024M-22A, Paragraph, 5.5.3*





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- **EN ISO 9934-2-2015**

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

