



INSPECTION CERTIFICATE

IPCE - 230 - Rev 3

Product : FLUXO 6 - Oil Based Fluorescent MPI Ink - Aerosol

BATCH : L220606

Manufacture Date : 06/06/22

Use Before : 06/06/27

We hereby certify that the above product **FLUXO 6** meets the requirements of the following specifications :

- AMS 3044 - *Magnetic Particles - Fluorescent - Wet Method - Dry Powder*
- AMS 3046 - *Magnetic Particles - Fluorescent - Wet Method - Oil Vehicle - Aerosol Packaged*
- EN ISO 9934-2
- PMUC - EDF - *Produits & Matériaux Utilisable en Centrale*
- ASTM E1444/E1444M - Paragraphs 5.5.2 and 5.5.3
- ASME Boiler & Pressure Vessel Code - Section V - Article 7 - Paragraph T-731
- Code RCC-M - Tome III - MC 5135
- ASTM E-709
- AMS 2641 - *Vehicle, Magnetic Particle Inspection, Petroleum Based*
- Low in Sulphur & Halogens (< 200ppm)
- Was manufactured in accordance with our standard procedures (requirement ISO 9001 for Quality System)
- SAFRAN DMR70-520
- SAFRAN In-5300

The following results were obtained :

Characteristic	Test Method	Requirement	Results
Appearance & Colour	EN ISO 9934-2 § 7.2	Light Brown Liquid	Conform
Performance	EN ISO 9934-2 § 7.1	Total Length of indication > 50mm	56 mm
Odor	AMS 2641	Shall not be offensive or disagreeable	Conform
Particule Size	EN ISO 9934-2 § 7.3	d ₁ (10%)	2.65 µm
		d _a (50%)	4.88 µm
		d _u (90%)	15.26 µm
Fluorescence Coefficient	EN ISO 9934-2 § 7.5	$\beta > 1,5 \text{ cd.W}^{-1}$	39.1 cd.W ⁻¹
Density (20 °C)	EN ISO 9934-2	800 - 835 g/L	819 g/L
Viscosity (40 °C)	EN ISO 9934-2 § 7.9	< 3 cSt	1.83 cSt
Flash Point	EN ISO 9934-2 § 7.7	> 82 °C	85 °C
Settlement Volume - 1h	ASTM D96	0.1 - 0,4 mL per 100mL	0.3 mL
Chlorine + Fluorine + Bromure	EN ISO 9934-2 § 7.15	< 200 ppm	< 200 ppm
Sulfur	EN ISO 9934-2 § 7.15	< 200 ppm	< 200 ppm

Jocelyne BONHAURE
Laboratory Technician

- The batch number appears on the label of bulk containers. Aerosols Cans have batch numbers printed on bottom of the can.
- The results are obtained at the time of manufacture. Age and use may alter the properties of the product.
- "PMUC is a trademark of EDF property. It is intended only to limit the risk of corrosion within EDF France Nuclear sites. The responsibility of EDF can not be held for any other case not covered by this scope"