

OIL BASED FLUORESCENT MAGNETIC DETECTING MEDIUM

Technical Data Sheet - Fiche Technique

Approvals and conformities

ASME RCC-M ISO 9934-2 ASTM-E-1444 AMS 2641

type 1

SAFRAN AMS 3045 EADS

DASSAULT AVIATION
ROLLS ROYCE

MANUFACTURER: BABB CO (Fr)

DESCRIPTION / USE:

Ready-to-use fluorescent magnetic detecting medium, to be used in MT benches or along mobileunits. **Companion product(s):** LY2500

DIRECTIONS FOR USE

Shake can thoroughly before use.

Spray KP25 on the part under inspection while magnetising.

Keep magnetisation on for 2 to 3 seconds after spraying stop. Inspect part under UV-A (minimum irradiance : $1000 \ \mu W/cm^2$, recommended >1500 $\mu W/cm^2$),in dim visible light conditions (< 20 lux), after eye adaptation, according standard EN ISO 3059.

TECHNICAL CHARACTERISTICS

Stability:

highly resistant to mechanical and chemical wear. When KP25 does no longer meet specifications, it is recommended to throw it away and replenish with off-the-shelf product, so as to have a more constant level of quality and no fluorescent fluid. Nevertheless, it is allowed to adjust particle settlement rate by adding LY 2500 powder.





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Settlement rate	0.15 to 0.30 mL after 60 minutes (ASTM D96)
Fluorescence	9,4 cd/W (under UV-A)

PRECAUTIONS FOR USE AND STORAGE

Transport / Handling : refer to MSDS (materials safety data sheet)

Storage: Temperature: 0 to + 50° C

If possible at a temperature lower than 25°C.

In a reasonably ventilated, protected from light area. Keep cans tightly closed.

This technical data sheet replaces and cancels the previous one.

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