

Certificate of Analysis

(according to EN ISO 3452-2)

Product: NORD-TEST Penetrant U88
 Ref.-No.: 121.300.201 – 500 ml aerosol can
 Batch-No.: 42519
 Shelf life: 03/2028

Individual Quality	Determination acc. to the ISO 3452-2 Section:	Requirements	Results
Appearance	6.1	Shall be same as that of the type test material	Requirement met
Sensitivity	6.2	Penetrant system II A e / C2 e / E e NORD-TEST Reiniger U87, Ch. Nr.: R42529 NORD-TEST Entwickler U89, Ch. Nr.: R42530	Sensitivity level II
Density	6.3	Max. $\pm 5\%$ of the sample test material	0,8934 g/cm ³ requirement met
Viscosity	6.4	Max. $\pm 10\%$ of the sample test material	11,2 mm ² /s bei 20°C requirement met
Flash Point in a closed Cup	6.5	Max. 5°C below the sample test material	98°C, requirement met
Corrosive Performance	6.11	For Aluminium alloy AW 7075 Magnesium alloy AZ -31B and steel 30CrMo4: No stains, pitting, sings of corrosion (with a 10-fold magnification)	requirement met
Sulphur content	6.12	< (200 $\pm$ 10) ppm	20 ppm requirement met
Halogen content	6.12	< (200 $\pm$ 10) ppm	20 ppm requirement met

The product meets the requirements of DIN EN ISO 3452-2. The product conforms also to the requirements of ASME BPVC, Section V, Article 6, T-641, as the total chloride + fluoride content as well as sulphur content does not exceed respectively 1 % w/w on residual.

Heidgraben, 21.03.2024

Dipl.-Ing A. AL-Ajeel


