

SUMMARY

October 2015

of the Findings Report from the Functional Analysis of two SPI Filter Systems of the types Petro-Pit 410 and Petro-Pipe PI 616-M2 designed for the Treatment of Rain Water from Transformer Sites Potentially Contaminated by Oil

As of September 4th, 2015, the Company Albert Schweizer KG has mandated the TÜV Süd Industrie Service GmbH to perform a functional analysis about the filtering performance of **SPI Filter Systems of the types Petro-Pit 410 and Petro-Pipe PI 616-M2** with integrated pre-filter, aiming at the retention performance of hydrocarbons as present in mineral oil, in accordance with the relevant laws pertaining to water and waterways. The filter systems used for this functional analysis were provided by Albert Schweizer KG.

During the functional analysis, three representative samples were collected at the outflow of each of the two filters (Petro-Pit 410 (new) and Petro-Pipe PI 616-M2 (new)), which were analysed for their hydrocarbon oil index. **The measured concentrations were found to be below the detection limit of the analysis method (< 0,1 mg/l) for all three samples.**

Consequently, regarding the Hydrocarbon oil Index, the legal requirements for the discharge of undiluted waste water into the sewerage water system (typically 20 mg/l, ref. DWA-M 115-2), respectively into bodies of water (range from 2 to 20 mg/l, regional variable requirements) are met. Under the conditions of this functional analysis, the tested filter systems Petro-Pit 410 (new) and Petro-Pipe PI 616-M2 (new) with integrated pre-filter demonstrated **an excellent cleaning capacity** regarding the retention of hydrocarbons as present in mineral oil.

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| Analysis Results PETRO-PIT 410 (new) | |
| Hydrocarbon oil index (DIN EN ISO 9377-2) | |
| Representative Sample 1 | < 0,1 mg/l |
| Representative Sample 2 | < 0,1 mg/l |
| Representative Sample 3 | < 0,1 mg/l |
| Analysis Results PETRO-PIPE PI 616 M2 (new) | |
| Hydrocarbon oil index (DIN EN ISO 9377-2) | |
| Representative Sample 1 | < 0,1 mg/l |
| Representative Sample 2 | < 0,1 mg/l |
| Representative Sample 3 | < 0,1 mg/l |