BÖWE Textile Cleaning

Dry Cleaning Machines for Sensene™

SENSENE™ Modified alcohol is the new solvent for textile cleaning from Safechem and Dow, the leading manufacturer of modified alcohol solvents worldwide. In collaboration with BÖWE SENSENE™ has been tested on various dry cleaning machines working closely with an independent institute of the industry and trusted shops.

SENSENE™ is made to delight your senses and can be used in universal application in the modern textile and leather industry. It combines high solvency power to remove stains with the gentle touch needed for the cleaning of delicate material, fully meeting the needs of the most demanding operators. The machines of the BÖWE iLine and PremiumLine are flexible enough to enable use of the new solvent without any hardware changes, needing only adjustments to the machine safety and operational parameters.

Increased cleaning efficiency, high compatibility for garments, minimised bacterial accumulation and easy finishing due low wrinkling are the main benefits seen in the real world field testing carried out with BÖWE machines using SENSENE™

Compared with traditional 'alternative' solvents SENSENE™ has higher cleaning power and is easier to dry. Meaning quicker cycle times, lower running costs and higher profits.

With BÖWE iLine machines from 9 to 18kg, PremiumLine from 12 to 30kg and even the M70 70kg industrial behemoth BÖWE have dry cleaning with SENSENE™ covered.

Call Steve now on 07818 054513 to learn more about cleaning with BÖWE and SENSENE™

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SENSENE™ Independent Testing

At the request of Safechem CTTN* conducted a test programme on soil removal, greying and colour fastness in comparison to Hydrocarbon solvent (HCS) and Perchloroethylene (PCE).

The tests were conducted with SENSENE™ in an ILSA Senza Top, with PCE in a Union XL828S and with HCS in a Union 8012S.
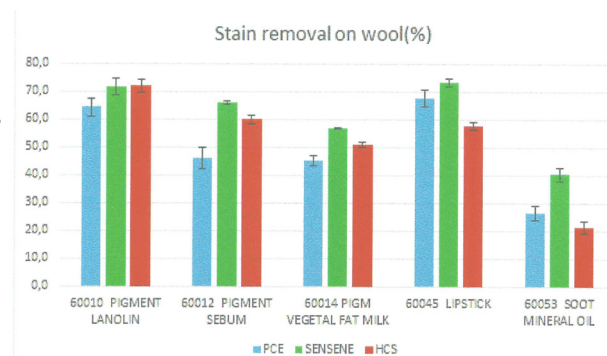
All machines were loaded with a Polyester/cotton mix at a load ratio of 70% capacity and a standard two bath, filtration programme was run.

Three test pieces, of each soiling type, were included in each load and each test was repeated three times. The results, we think, speak for themselves.
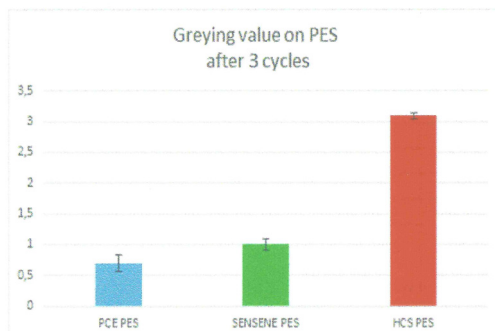
Soil Removal:

The test of soil removal with pigments and fats on wool, cotton and polyester are conclusive.

The dry cleaning process using SENSENE™ shows a higher cleaning effect and generally above that achieved by PCE and HCS.

Greying effect:

Greying is the re-deposition of soils on the textiles during the cleaning cycle. Packs of pigment/oil soils were added to the textile loads and scattered in the drums and in the solvent baths during the cleaning process.

The results with SENSENE™ are generally close to the results obtained with PCE. The difference between SENSENE™ and HCS is quite marked, particularly on Polyester.

Colour fastness:

The results for the colour fastness tests were quite similar for each of the cleaning processes, showing very good colour fastness, but SENSENE™ did show a small but measurable advantage.

*CTTN can be found at www.cttn-iren.fr