



Cleaning



Rinsing



Passivating



COMBINED CLEANING AQUEOUS AND SOLVENT-BASED



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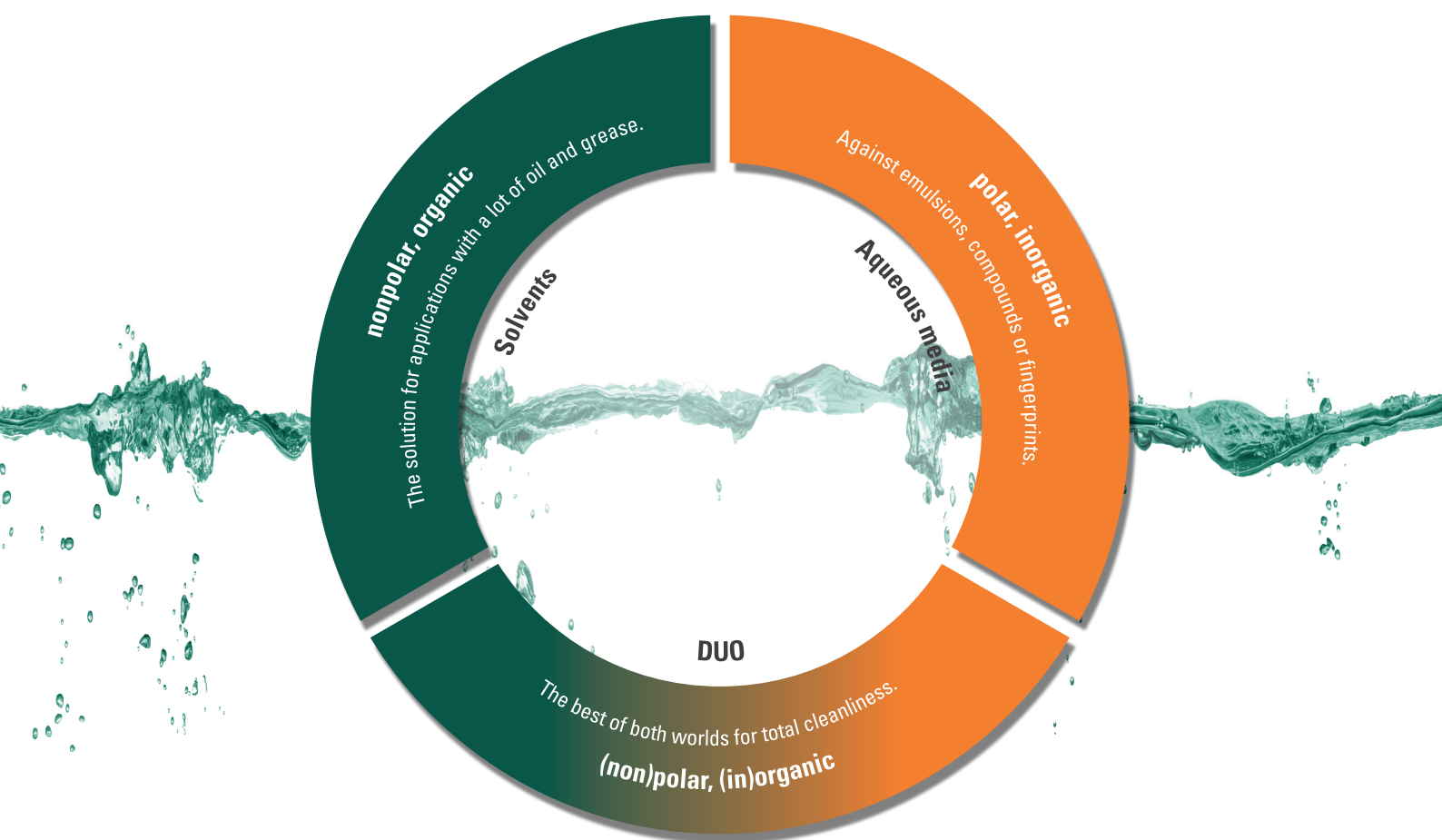
PERFECT COMBINATION

The complexity of modern manufacturing processes and the further development of high-performance lubricants, as well as other processing aids, force many cleaning processes to the limit of their capabilities.

More and more frequently, the process chains in component manufacturing include multiple successive processing stages based on different lubricants, e.g. primary casting using oil followed by further processing with emulsions.

In these cases, pure solvent-based processes often leave residual salt spots or other inorganic impurities, while purely aqueous processes are often uneconomical with high oil content or expensive drying processes. The solution is a combination of both processes in one system: economical degreasing with solvents, intermediate aqueous cleaning to remove any stains, and a final solvent rinse with energy-efficient vacuum drying.

That is the **MULTICLEAN DUO** Process.



	STANDARD <i>DUO</i>	S-1 <i>DUO</i>	S-2 <i>DUO</i>
Size in use	600x400x300 mm 670x480x300 mm	530x320x200 mm 600x400x300 mm	670x480x300 mm 670x480x400 mm
Baths	2-3	2-5	2-5
Weight	max. 70 kg	max. 80 kg	max. 200 kg
Throughput	2-3 batches/hr	2-4 batches/hr	2-4 batches/hr

Other sizes on request.