

	Area of application		Spectrum of activity				Material compatibility											Product characteristics								Comments	
	Pre-cleaning	Fine cleaning	Grease, oil	Resin, wax	Polishing pastes	Adhesive, putty	Aluminium	Anodised aluminium	Copper	Brass	Bronze	Nickel silver	Zamak	Stainless steel/inox	Silver	Titanium	Gold, platinum	Carbides	HSS/steel	Brightening	Deoxidising	Hydrophobic steel	Hydrophobic non-ferrous metals	Cloud point (CP) with 1% in DI water, guideline value	Tap water compatible (from 3%)		Cleaning intensity
deconex® HT 1500	●		●		○		-	-	●		○		●										53 °C	●		12.7	Removes oils, greases and polishing agents in metal processing, suitable for use in combination with ultrasonic and spray systems, creates hydrophilic surface on steels.
deconex® HT 1400	●	●	●	●	○		-	-		-			●			-	○						no CP	●		12.6	Removes grease, grinding and polishing agents (also without ultrasonic cleaning), creates hydrophilic surface on steels.
deconex® HT 1402	●	●	●	●	○		-	-	○	-			●				○						no CP	●		12.5	Removes grease, resins and protective lacquers, creates hydrophilic surface on steels.
deconex® HT 1404	●	●	●		●		-	-	●	○	●		●		●	●							no CP	●		12.3	Highly efficient at removing polishing pastes on smooth surfaces, achieves especially long bath stand times, creates hydrophilic surface on steels.
deconex® HT 1408	●	●	●		○		-	-					●		●								no CP	●		12.3	Especially suitable for titanium and stainless steel, creates hydrophilic surface on steels.
deconex® HT 1401	●	●	●	○	○		-	-	●	○	●		-	●		●	○	●	●				no CP	●		12.2	Removes stubborn residue on carbides, HSS and copper alloys. Also suitable for protective lacquers (also without ultrasonic cleaning), creates hydrophilic surface on steels.
deconex® SprayPlus	●		●		○		-	-	○				●					●	○				no CP	-		12.2	Especially suitable for carbides and HSS parts, suitable for use in combination with ultrasonic and spray systems, creates hydrophilic surfaces on steel.
deconex® HT 1512	●	●	●		○		●		○	○	○		-	●			○	●	●				no CP	-		12.1	Especially suitable for carbides and HSS parts, as well as for polishing pastes on aluminium, suitable for use in combination with ultrasonic and spray systems, creates hydrophilic surface on steels.
deconex® HT 097	●					●	-	-					●			-	○						no CP	-		12.0	Removes synthetic putty, polymers, protective lacquer and adhesives, creates hydrophilic surface on steels.
deconex® HT 1403	●			●		●	-	-	○				●										no CP	-		12.0	Removes synthetic putty and resin, creates hydrophilic surface on steels.
deconex® HT 1407	●	●	●		●		●		○	○	○		○									●	no CP	●		11.5	Excellent cleaner for aluminium, also suitable for non-ferrous metals.
deconex® SprayCleaner	●	●	●				●	○	-	-	-		●										no CP	●		11.4	Excellent cleaner for aluminium, suitable for use in combination with ultrasonic and spray systems, creates hydrophilic surface on steels.
deconex® HT 1410	●	●	●		●		-	-	○	●	●		-	●								●	no CP	●		11.0	Removes polishing pastes, ideal for processing brass in the watch industry.
deconex® HT 1501	●	●	●				-	-	●				●										no CP	-		11.0	Removes oils and greases on steel and copper alloys, suitable for use in combination with ultrasonic and spray systems, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1169	●	●	●		●		-	-	●	●	●		-	●	●	○	●					●	no CP	●		10.9	Removes polishing pastes and oxide layers, with brightening effect, ideal in the watch industry.
deconex® HT 1170	●	●	●		●		-	-	○	○	○		-	●	●	●	●	●	●			●	no CP	-		10.5	Especially suitable for carbides and HSS parts
deconex® HT 1207	●	●	●		●		○		○	●	○	●	●	●	●		●	●	●				no CP	-		9.7	For sensitive materials, prior to galvanic coating; makes surfaces hydrophilic, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1201	●	●	●		●		●		○	●	●	●	●	●	●	●	●					●	no CP	-		9.6	Universal cleaner also for sensitive materials
deconex® HT 1511		●	●				●		●	●	●	●	●	●	○		●	○	●			●	no CP	-		9.5	Universal fine cleaner.
deconex® HT 1233		●	●				●	○	○	●	○	●		●	●	●	●	●	●			●	no CP	-		9.4	Last stage of cleaning before rinsing and drying, for carbides and HSS parts.
deconex® HT 1153	●	●	●				○		●	●	●		-	●	●		●	●	●			●	29 °C	●		8.9	Especially suitable for single-chamber systems, for ferrous metals, with temporary corrosion protection.

● Excellent  
○ Good  
- Not suitable

Strong  
Mild



	Area of application		Spectrum of activity				Material compatibility												Product characteristics							Comments	
	Pre-cleaning	Fine cleaning	Grease, oil	Resin, wax	Polishing pastes	Adhesive, putty	Aluminium	Anodised aluminium	Copper	Brass	Bronze	Nickel silver	Zamak	Stainless steel/inox	Silver	Titanium	Gold, platinum	Carbides	HSS/steel	Brightening	Deoxidising	Hydrophobic steel	Hydrophobic non-ferrous metals	Cloud point (CP) with 1% in DI water, guideline value	Tap water compatible (from 3%)		Cleaning intensity
deconex® HT 1422	●		●		●		⊙	⊙	●	⊙		⊙	⊙		●	●						●	no CP	-		8.9	Especially suitable for soft pastes used for shining effect.
deconex® HT 1163		●	●				●		●	●		●	●				●	●					no CP	●		8.6	Fine cleaning of aluminium.
deconex® HT 019	●	●		●			⊙	●	⊙	-		⊙	●	●	●	●							no CP	●		8.1	Removes waxes and resins on sensitive components.
deconex® HT 1420		●	⊙				⊙	●	●	●		-	●	●	●	●							no CP	●		7.5	Prior to the final rinse, includes corrosion protection for non-ferrous metals, sound-amplifying (empirically), creates hydrophilic surface on non-ferrous metals and steels.
deconex® MetalClear		●	⊙				●	⊙	⊙	⊙	●		●	●	●	●							73 °C	●		3.0	For neutralisation and fine cleaning following alkaline pre-cleaning, pH-buffered, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1232	●	●	⊙				●	⊙	⊙	-			●		●		●	●		●	●		no CP			2.7	Removes oxide layers and temper discolouration on carbides, steel and HSS parts, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1218	●	●			●		⊙	⊙	●	-			●	●	●	●	●	⊙	●	●	●		no CP			2.1	Removes lapping paste on inox, porcelain and oxide layers and temper discolouration on carbides, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1219	●	●					●	●	●	●	●			●		●				●	●		80 °C			2.1	For brightening and deoxidising non-ferrous metals, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1430	●	●	●		●		●	●	⊙	⊙			●	●	●	●	●	●		●	●		82 °C			1.5	Removes lapping paste, oxide layers and temper discolouration, creates hydrophilic surface on non-ferrous metals and steels.

● Excellent  
 ⊙ Good  
 - Not suitable

■ Strong  
 ■ Mild



	Area of application		Spectrum of activity					Material compatibility											Product characteristics						Comments	
	Pre-cleaning	Fine cleaning	Grease, oil	Resin, wax	Polishing pastes	Adhesive, putty	Aluminium	Anodised aluminium	Copper	Brass	Bronze	Nickel silver	Zamak	Stainless steel/inox	Silver	Titanium	Gold, platinum	Carbides	HSS/steel	Brightening	Deoxidising	Hydrophobic steel	Hydrophobic non-ferrous metals	Cloud point (CP) with 1% in DI water, guideline value		Tap water compatible (from 3%)
deconex® HT 1500	●		●	⊙			-	-	●	-	●	●	●										53 °C	●	12.7	Removes oils and polishing pastes in metal processing (including combination with ultrasonic/spray), creates hydrophilic surface on steels.
deconex® SprayPlus	●		●				-	-	⊙	-	-	●	●										no CP	-	12.2	For removing processing oils and cooling emulsions, can be microfiltered. Especially suitable for carbides and HSS parts, creates hydrophilic surface on steels.
deconex® HT 1512	●	●	●				●	●	-	⊙	●	-	●										no CP	-	12.1	For cleaning and degreasing before coating. Can be microfiltered, creates hydrophilic surface on steels.
deconex® 12 NS-x	●	●	●				-	-	⊙	-	-		●		●	●							no CP		11.8	For highest demands and universal applicability. Removes stubborn dirt such as grease, oils and inorganic soiling.
deconex® HT 1510	●		●	⊙			-	-	●	●	●	●	●	●	●	●	●	●	●				no CP		11.6	Removes processing and corrosion protection oils and salt residues, with high material compatibility.
deconex® SprayCleaner	●		●				●	⊙	-	-	-	●	●										no CP	●	11.4	Excellent spray cleaner for aluminium, creates hydrophilic surface on steels.
deconex® HT 1501	●	●		●			-	-	●	⊙	●	●	●										no CP	-	11.0	Removes oils and polishing pastes on metals and copper alloys (including combination with ultrasonic/spray), creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1520	●	●	●				⊙	●	●	●	●	-	●	●	●	●	●	●	●				22 °C		10.0	Removes oil and salt residues.
deconex® HT 1511	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	61 °C	-	9.5	Removes processing and corrosion protection oils, as well as oil emulsions.
deconex® HT 1516	●	●	●				-	-	●	⊙	-		●	●	●	●	●	⊙	●				61 °C		9.5	Removes machin and corrosion protection oils and salt residues.
deconex® HT 1153	●	●	●				⊙	⊙	●	●	●	●	-	●	●	●	●				●		29 °C	●	8.9	For ferrous metals, with temporary corrosion protection.
deconex® MetalClear NS		●	⊙				●	⊙	●	●	●	●	●	●	●		-	-		⊙			29 °C	-	4.1	Ultra-fine cleaner with brightening effect, accelerates drying, creates hydrophilic surface on non-ferrous metals and steels.
deconex® HT 1219	●	●					●	●	●	●		⊙	●							●	●		80 °C		2.1	For brightening and deoxidising non-ferrous metals, creates hydrophilic surface on non-ferrous metals and steels.

● Excellent  
 ⊙ Good  
 - Not suitable



	Area of application		Material compatibility											Product characteristics				Comments
	Spray systems	Ultrasonic systems	Aluminium	Anodised aluminium	Copper	Brass	Bronze	Nickel silver	Zamak	Silver	Titanium	Gold, platinum	Carbides	HSS/steel	Hydrophobic	Cloud point (CP) with 1% in DI water, guideline value	Boiling point (1000 mbar)	
deconex® AntiCorr Plus		●						●					●	●	no CP	< 200 °C	11.0	Corrosion protection for steel, HSS and carbide parts in the final rinsing baths.
deconex® HT 1237	●	●	-	-	⊙	⊙	-						●	●	no CP	< 200 °C	10.9	Ideal, wide-use corrosion protection for steel, HSS and carbide parts in the final rinsing baths.
deconex® AntiCorr	●		-	-	⊙	-	-						●	●	no CP	< 400 °C	10.7	Corrosion protection for steel, HSS and carbide parts in the final rinsing baths.
deconex® HT 1239		●	⊙	⊙	⊙	⊙	-						●	⊙	no CP	< 400 °C	10.6	Corrosion protection with long-term effect for the storage of steel, HSS and carbide parts.
deconex® HT 1233		●						●		●		●	●	⊙	●	no CP	9.4	Corrosion protection with cleaning effect for steel, HSS and carbide parts, creates hydrophobic surface on steel.
deconex® 38 CU		●			●	●	●			●		●			●	no CP	5-7	Especially suitable for copper and copper alloys.

All corrosion protection agents must be diluted with DI or osmosis water (conductivity < 20 µS/cm).

Find further information on product data sheet and safety data sheet.

- Excellent
- ⊙ Good
- Not suitable

