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## Tank Cleaning Matrix

Product Name	Cargoes references														Tank Coating			 IMO Approved	Typical Dilution	Typical Temperature Range
	Mineral oils / Greasers White / CPP	Mineral oils / Greasers Black / DPP	Resins / Paraffins	Greases / Waxes	Fatty Acids / FAME's	Animal / Vegetable Oils & Fats	Soot Deposits	White Deposits	Stainless Steel Treatment	Inhibitor Killing / Removing	Odour Remover / Air Freshening	Discoloration	Zinc Conditioner	Hydrocarbon Free Cleaning	MarineLINE CMP CHUGOKU International JOTUN					
															Stainless Steel	Epoxy Coating	Zinc Coating			
APEX TANK CLEAN VLC	✓	✓	✓	✓	✓	✓				✓				✓	✓	✓	✓	✓	0.4% - 2%	40 - 60°C
APEX MOTC	✓	✓	✓	✓	✓	✓				✓				✓	✓	✓	✓	✓	0.2 - 1%	40 - 60°C
APEX ECO SOLVE	✓	✓	✓	✓	✓	✓	✓		✓					✓	✓	✓		✓	0.5% - 2%	10 - 60°C
APEX FOTC	✓	✓	✓	✓	✓	✓	✓		✓					✓	✓			✓	0.5% - 1.5%	10 - 60°C
APEX SMITH 88	✓			✓	✓	✓	✓							✓	✓	✓		✓	2% - 5%	50 - 75°C
APEX SMITH 99	✓			✓	✓	✓	✓							✓	✓	✓		✓	1% - 3%	50 - 60°C
APEX-5 MULTIPOL	✓			✓	✓	✓								✓	✓	✓	✓	✓	3% - 7%	50 - 80°C
APEX-120 METAL BRITE HD	✓			✓	✓	✓		✓	✓					✓	✓	✓		✓	3% - 8%	40 - 65°C
APEX-128 METAL BRITE XTREME	✓			✓	✓	✓		✓	✓					✓	✓			✓	2% - 5%	40 - 60°C
APEX-182 PASSIVE CLEAN									✓						✓			✓	10% - 20%	25 - 35°C
APEX-195 TANK CLEAN BUFFER													✓		✓	✓	✓	✓	10%	40 - 60°C
APEX-228 SANI CLEAN										✓					✓	✓	✓	✓	0.1%-1%	20 - 70°C
APEX-280 NEUTRAL HCF	✓				✓	✓								✓	✓	✓	✓	✓	1% - 4%	20 - 70°C
APEX-304 CHLOR CLEAN										✓	✓				✓	✓	✓	✓	1% - 3%	20 - 50°C
APEX-418PH ALKACLEAN HD (POTASSIUM)	✓		✓	✓	✓	✓	✓							✓	✓	✓		✓	2% - 6%	50 - 70°C
APEX-550 SEACLEAN VOYAGE	✓	✓	✓	✓	✓	✓									✓	✓		✓	1% - 3%	40 - 65°C