

TiPSS Technology selection guide

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	CPI	cfCPI	pCPI	DAF / DGF
Oil droplets separation	>40 µm	>40 µm	>40 µm	>40 µm
Oil feed concentration	100 – 5000 mg/l	100 – 5000 mg/l	100 – 5000 mg/l	30 – 500 mg/l
Oil emulsion separation	--	--	--	30 – 500 mg/l
Heavy Solids (e.g. sand, metal)	>20 µm	>10 µm	>10 µm	--
Light Solids (e.g. sludges, wax)	>40 µm	>30 µm	>30 µm	>30 µm
Solids feed concentrations	100 – 200 mg/l	500 – 2000 mg/l	500 – 1000 mg/l	100 – 200 mg/l
Feed pressure	ATM	ATM	2 – 20 barg	ATM
Flow rates (max / unit)	5000 m ³ /h	300 m ³ /h	1000 m ³ /h	300 m ³ /h
Type	Steel tank Concrete basin	Steel tank	Pressure vessel	Steel tank
Principle	Gravity Counter current	Gravity Cross flow	Pressurized Cross flow	Gravity Counter current