

## TYPICAL APPLICATION FOR ORGANIC HEAT TRANSFER FLUIDS

### CHEMICALS

APPLICATION	PROCESS	TEMPERATURE °C
β-naphtol	synthesis	360
α-olefines	synthesis	320
2-ethyl hexanol	dehydrogenation	250-280
aniline production	hydrogenation	320
asphalt production	melting	200
asphalt production	oxidation	200-300
benzene refining	hydrogenation	300
chlorinated hydrocarbons	synthesis	350
decomp. of oil and fat	hydrolysis	300
deodorizing oil and fat	stripping	220
DMT	synthesis	320
DOP, DIDP, DOA, DBP	synthesis	280
EOX production	oxidation	250-270
ethylene	dehydration	365-370
ethylene glycol	hydrolysis	190-200
fatty acid ester	esterification	250
formaldehyde	synthesis (Perstorp)	280-300
grease production	resolution	200
hardening of oil	hydrogenation	200
hydrodesulfurization of oil	hydrogenation	360
meta-amino-phenol	synthesis	330
methanol production	reduction	180
NaMBT	synthesis	280
organo-chloro-silane	chlorination	300
pigments	synthesis	250-320
polymeric oil	polymerization	260-280
powder soap	drying	200
refining of lubricating oil	furfural extraction	200-300
salicylic acid production	addition	180
sec-butanol production	hydrolysis	170-240
silicones	synthesis	320
soap production	hydrolysis	200
vinyl acetate	addition	180-210
vinyl chloride	synthesis	200-300
wax melting	melting	250