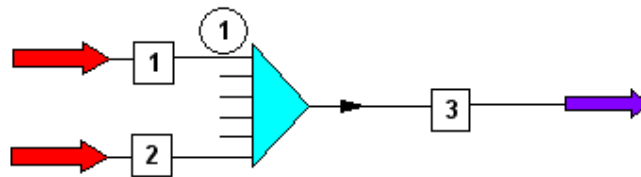


Blending of Crude Oil



DESCRIPTION:

CHEMCAD 5 has the ability to generate crude oil pseudo-components according to user provided distillation curves. CHEMCAD 5 supports the following blending options:

The "Blend" option can generate pseudo-components by averaging distillation curves of all streams under characterization.

The "No Blend" option allows characterizing crude oil streams individually, so pseudo-components generated from different streams can be distinguished in the product streams. This makes evaluation of distribution of various crude oils in the flowsheet easy.

☐ Blend all distillation curves

CHEMCAD 5 does all reporting to user-selected editors or word processors, such as Microsoft Word, and graphics can be copied directly to the Windows Clipboard. This way, you can freely compose your reports using your favorite office software.

CHEMCAD has now **Crude Oil Database** as well. This contains properties of around 250 crude oils including the properties of all oil fractions:



LKEROSEN : Table														
	LVPCT	WTPCT	API	SPGRAVITY	VABPF	CHFACTOR	SULFUR	MSULFUR	NITROGEN	ANPOINT	AROMATICS	SMOKEPOINT		
▶	8.7 8.096934		44.16729	0.8055	414.5	11.87052	0.260583	159.8716	ND	137.1667	23.83333	21.53333	47.0	
	CRUDE		ORIGIN		DATE	API	SULFUR	MSULFUR	NITROGEN	POURPOINT	VISC70F	VISC		
	▶	ABU AL BU KHOOSH		ABU DHABI, U.A.E.		1978	31.6	2	ND	ND	-24.5	10.8	6.7	
*														
▶	9.8 9.601267		44.60812	0.803484	416.8418	11.91093	0.201587	ND	0.000591	140.0714	21.6	22.38571	48.7	
	CRUDE		ORIGIN		DATE	API	SULFUR	MSULFUR	NITROGEN	POURPOINT	VISC70F	VISC		
	▶	MURBAN		ABU DHABI, U.A.E.		1983	40.45	0.78	25	0.047	-11	4.8	2.7	
*														
▶	8.9 8.584672		44.5243	0.803866	414.8034	11.89602	0.31656	157.5995	0.00041	136.0449	21.87416	21.4236	48.1	
	CRUDE		ORIGIN		DATE	API	SULFUR	MSULFUR	NITROGEN	POURPOINT	VISC70F	VISC		
	▶	UMM SHAIK (ABU DHABI)		ABU DHABI, U.A.E.		1983	37.4	1.51	ND	0.0609	-22	4.7	3.6	
*														