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#Jenny



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#Rio



Cool! I'am really happy

#Markus Jensen



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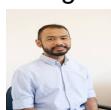
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#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Appendix A - Gas Mixture Compositions

Gas composition	Natural Gas Mixture	Mixed Refrigerant	CO ₂ Gas Mixture
Methane	0.829700	0.757800	0.041018
Nitrogen	0.060810	0.079780	0.001157
Carbon dioxide	0.029480	0.000000	0.947150
Ethane	0.042890	0.002530	0.005496
Propane	0.021700	0.024720	0.001545
n-Butane	0.005128	0.047480	0.000393
i-Butane	0.001188	0.121213	0.000508
n-Pentane	0.001838	0.000078	0.000111
i-Pentane	0.001209	0.001219	0.000220
n-Hexane	0.001100	0.000000	0.000045
n-Heptane	0.004157	0.000000	0.001103
Water	0.000000	0.000000	0.000000
Ethylene	0.000000	0.338900	0.000000
Propylene	0.000000	0.000270	0.000000

Appendix B - Tabulated values of Z and k of the gas compositions for various EOS

NIST, GERG, AGAS and PR EOS calculations are done via REFPROP software. RK, SRK, LKP and BWRS-NS calculations are compiled by the authors independently.

Factors for α	Temp. K	Pure Methane				1.868150	1.306	0.274	1.86
		1.900	2.000	2.100	2.200				
EOS	100	0.9675	0.9071	0.8602	0.8245	0.7928	0.7649	0.7401	0.7180
Deviation to NIST		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
EOS	200	0.9800	0.9000	0.8600	0.8200	0.7800	0.7400	0.7000	0.6600
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	300	0.9800	0.8600	0.8000	0.7600	0.7200	0.6800	0.6400	0.6000
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	400	0.9800	0.8000	0.7200	0.6600	0.6200	0.5800	0.5400	0.5000
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	500	0.9800	0.7200	0.6200	0.5600	0.5200	0.4800	0.4400	0.4000
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	600	0.9800	0.6200	0.5200	0.4600	0.4200	0.3800	0.3400	0.3000
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	800	0.9800	0.4600	0.3600	0.3000	0.2600	0.2200	0.1800	0.1400
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EOS	1000	0.9800	0.3000	0.2000	0.1400	0.1000	0.0600	0.0200	0.0000
Deviation to NIST		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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