

Correction

Thermodynamic Properties of Binary Mixtures of *p*-Xylene with Cyclohexane, Heptane, Octane, and *N*-Methyl-2-pyrrolidone at Several Temperatures.
Changsheng Yang, Wei Xu, and Peisheng Ma* *J. Chem. Eng. Data* 2004, 49, 1794–1801.

In this paper, there are two errors in Table 2. For the mixture *p*-xylene + heptane, the compositions at 298.15 K, 313.15 K, 333.15 K, and 343.15 K are incorrect and some of the density values are incorrect. The correct values are given below in Table 2.

Table 2. Densities, ρ , Viscosities, η , Excess Molar Volumes, V^E , and Viscosity Deviations, $\Delta\eta$, for the Binary Mixtures from 298.15 K to 353.15 K

x_1	$\rho/\text{g}\cdot\text{cm}^{-3}$	$\eta/\text{mP}\cdot\text{s}$	$V^E/\text{cm}^3\cdot\text{mol}^{-1}$	$\Delta\eta/\text{mP}\cdot\text{s}$	x_1	$\rho/\text{g}\cdot\text{cm}^{-3}$	$\eta/\text{mP}\cdot\text{s}$	$V^E/\text{cm}^3\cdot\text{mol}^{-1}$	$\Delta\eta/\text{mP}\cdot\text{s}$
(x) <i>p</i> -Xylene + (1 - x_1)Heptane									
$T = 298.15 \text{ K}$									
0.0000	0.67990	0.4009	0.0000	0.000	0.5861	0.77651	0.4807	-0.0889	-0.046
0.0948	0.69432	0.4074	-0.0232	-0.014	0.6877	0.79516	0.5047	-0.0761	-0.044
0.1911	0.70939	0.4176	-0.0383	-0.024	0.7906	0.81474	0.5331	-0.0619	-0.038
0.2880	0.72504	0.4295	-0.0522	-0.033	0.8949	0.83524	0.5714	-0.0315	-0.022
0.3865	0.74150	0.4436	-0.0703	-0.041	1.0000	0.85670	0.6162	0.0000	0.000
0.4856	0.75845	0.4598	-0.0724	-0.046					
$T = 303.15 \text{ K}$									
0.0000	0.67565	0.3750	0.0000	0.0000	0.5861	0.77219	0.4496	-0.0962	-0.041
0.0948	0.69005	0.3820	-0.0243	-0.012	0.6877	0.79083	0.4716	-0.0824	-0.039
0.1911	0.70512	0.3912	-0.0439	-0.021	0.7906	0.81042	0.4979	-0.0696	-0.032
0.2880	0.72075	0.4019	-0.0577	-0.030	0.8949	0.83091	0.5308	-0.0364	-0.020
0.3865	0.73720	0.4154	-0.0771	-0.036	1.0000	0.85235	0.5715	0.0000	0.000
0.4856	0.75424	0.4304	-0.0816	-0.040					
$T = 313.15 \text{ K}$									
0.0000	0.66708	0.3373	0.0000	0.000	0.5861	0.76352	0.4034	-0.1136	-0.034
0.0948	0.68145	0.3440	-0.0280	-0.010	0.6877	0.78215	0.4234	-0.0981	-0.031
0.1911	0.69652	0.3523	-0.0563	-0.018	0.7906	0.80171	0.4440	-0.0787	-0.028
0.2880	0.71212	0.3623	-0.0710	-0.024	0.8949	0.82221	0.4729	-0.0435	-0.017
0.3865	0.72857	0.3740	-0.0960	-0.029	1.0000	0.84364	0.5080	0.0000	0.000
0.4856'	0.74557	0.3865	-0.0966	-0.034					
$T = 323.15 \text{ K}$									
0.0000	0.65837	0.3074	0.0000	0.000	0.5861	0.75477	0.3683	-0.1337	-0.029
0.0948	0.67273	0.3136	-0.0349	-0.008	0.6877	0.77341	0.3835	-0.1177	-0.028
0.1911	0.68779	0.3211	-0.0687	-0.016	0.7906	0.79297	0.4041	-0.0940	-0.024
0.2880	0.70338	0.3304	-0.0869	-0.021	0.8949	0.81345	0.4285	-0.0490	-0.015
0.3865	0.71983	0.3408	-0.1160	-0.026	1.0000	0.83490	0.4599	0.0000	0.000
0.4856	0.73682	0.3529	-0.1164	-0.029					
$T = 333.15 \text{ K}$									
0.0000	0.64953	0.2793	0.0000	0.000	0.5861	0.74592	0.3345	-0.1558	-0.033
0.0948	0.66388	0.2848	-0.0417	-0.009	0.6877	0.76457	0.3537	-0.1379	-0.029
0.1911	0.67895	0.2922	-0.0850	-0.016	0.7906	0.78415	0.3712	-0.1117	-0.027
0.2880	0.69452	0.2997	-0.1038	-0.023	0.8949	0.80464	0.3973	-0.0597	-0.017
0.3865	0.71098	0.3097	-0.1384	-0.028	1.0000	0.82609	0.4298	0.0000	0.000
0.4856	0.72797	0.3201	-0.1394	-0.032					
$T = 343.15 \text{ K}$									
0.0000	0.64047	0.2541	0.0000	0.000	0.5861	0.73691	0.3030	-0.1815	-0.024
0.0948	0.65483	0.2612	-0.0524	-0.005	0.6877	0.75557	0.3166	-0.1592	-0.023
0.1911	0.66989	0.2658	-0.0996	-0.012	0.7906	0.77517	0.3317	-0.1278	-0.021
0.2880	0.68548	0.2730	-0.1263	-0.017	0.8949	0.79569	0.3498	-0.0691	-0.015
0.3865	0.70194	0.2818	-0.1626	-0.020	1.0000	0.81717	0.3783	0.0000	0.000
0.4856	0.71894	0.2915	-0.1643	-0.023					

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