

## Erratum: Reference Correlation of the Thermal Conductivity of Sulfur Hexafluoride from the Triple Point to 1000 K and up to 150 MPa [J. Phys. Chem. Ref. Data 41, 023104 (2012)]

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# Erratum: Reference Correlation of the Thermal Conductivity of Sulfur Hexafluoride from the Triple Point to 1000 K and up to 150 MPa [J. Phys. Chem. Ref. Data 41, 023104 (2012)]

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Two corrections are required to the original article,<sup>1</sup> as detailed below.

1. In the text below Eq. (11), the reference temperature  $T_{\text{ref}}$  should be 478.08 K instead of 717.12 K.
2. Table 5 should be replaced by the table below.

TABLE 5. Sample points for computer verification of the correlating equations.

$T$ (K)	$\rho$ (kg m <sup>-3</sup> )	$\lambda$ (mW m <sup>-1</sup> K <sup>-1</sup> )
298.15	0.00	12.95
298.15	100.00	14.13
298.15	1600.00	69.73
310.00	0.00	13.83
310.00	1200.00	48.70 <sup>a</sup>
310.00	1200.00	48.95 <sup>b</sup>
480.00	100.00	28.85

<sup>a</sup>Computed with modified Olchowy-Sengers critical enhancement; the viscosity at this point for use in Eq. (8) was taken (Ref. 8) as  $\eta = 89.590 \mu\text{Pa s}$  and all other properties required for the enhancement term are from Guder and Wagner (Ref. 6).

<sup>b</sup>Computed with empirical critical enhancement, Eq. (12).

A software implementation of this correlation in a format compatible with REFPROP (Ref. 2) is available from the authors.

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## References

- <sup>1</sup>M. J. Assael, I. A. Koini, K. D. Antoniadis, M. L. Huber, I. M. Abdulagatov, and R. A. Perkins, *J. Phys. Chem. Ref. Data* **41**, 023104 (2012).
- <sup>2</sup>E. W. Lemmon, M. L. Huber, and M. O. McLinden, NIST Standard Reference Database 23: Reference Fluid Thermodynamic and Transport Properties – REFPROP, version 9.1 (Standard Reference Data Program; National Institute of Standards and Technology, Gaithersburg, MD, 2013).

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