

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,¹ as detailed below.

1. In the text below Eq. (11), the reference temperature T_{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)	ρ (kg m ⁻³)	λ (mW m ⁻¹ K ⁻¹)
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 ^a
310.00	1200.00	48.95 ^b
480.00	100.00	28.85

^aComputed 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).

^bComputed 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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