

(b) Hout - Hin Method

Cp coefficients (kJ/gmol-K)

The graph displays two data series: 'Tad (Celsius) in air' (blue line with diamond markers) and 'Tad (Celsius) in O2' (red line with square markers). The x-axis represents a range from 0.75 to 1.25, and the y-axis represents values from 0 to 6000. The 'Tad (Celsius) in O2' series is consistently higher than the 'Tad (Celsius) in air' series.

X-axis Value	Tad (Celsius) in air	Tad (Celsius) in O2
0.75	1750	3850
0.82	1850	4150
0.92	1950	4600
1.02	2100	5000
1.12	1950	4800
1.22	1850	4600