

## **Compendio de Propiedades Diagramas de Propiedades de Compuestos Inorgánicos**

### **Objetivo**

El presente de trabajo, pretende concentrar la mayor cantidad posible de diagramas que son necesarios para las diversas actividades de la química y que se encuentran presentes en infinidad de bases de datos, lo que muchas veces hace casi imposible localizarlos.

### **Orden de la Información**

La misma se ordena en orden alfabético, según el símbolo químico del elemento más representativo. Por ejemplo, el Cloruro de Sodio, cuya fórmula química es NaCl, podrá encontrarse dentro de la letra N.

### **Convocatoria**

Extiendo una cordial invitación a todos aquellos que quieran participar de ésta tarea “titánica”, ya sea colaborando con el aporte de datos, así como entregar su aporte en concentrar los mismos en cada documento.

**EIQ, BUI, TQ Fabio Germán Borgogno**  
**[fabiorborgogno@hotmail.com.ar](mailto:fabiorborgogno@hotmail.com.ar)**  
*Neuquén, Neuquén, Argentina.*  
*Versión Primera - Mayo de 2010.*

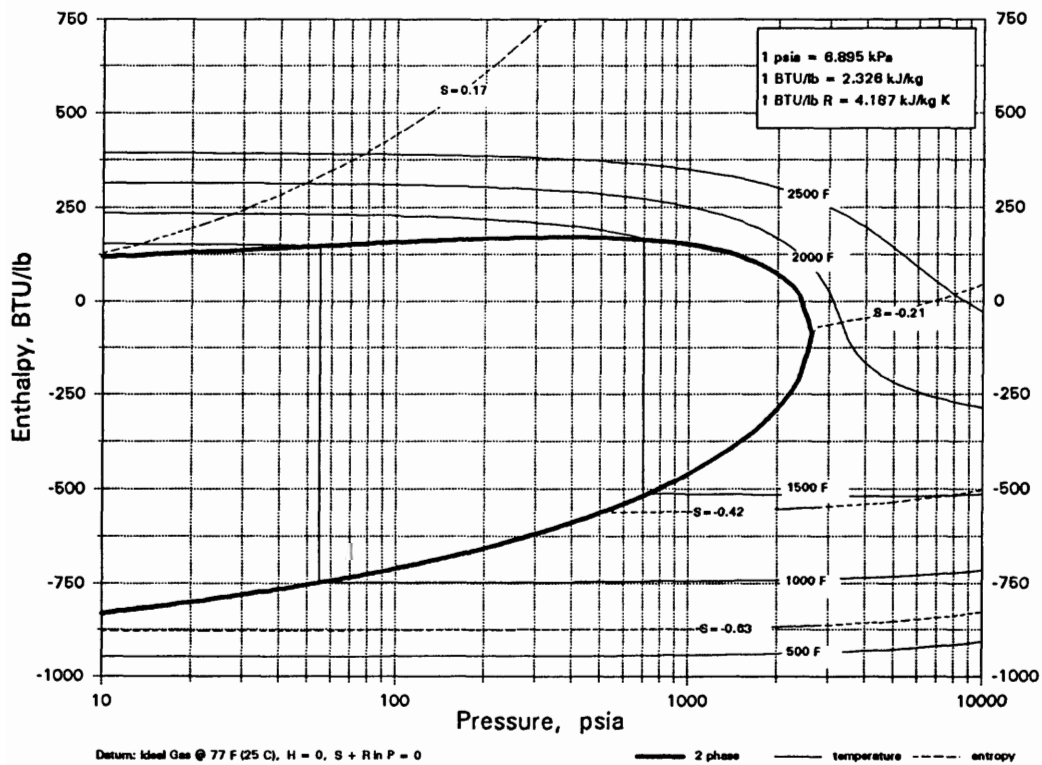
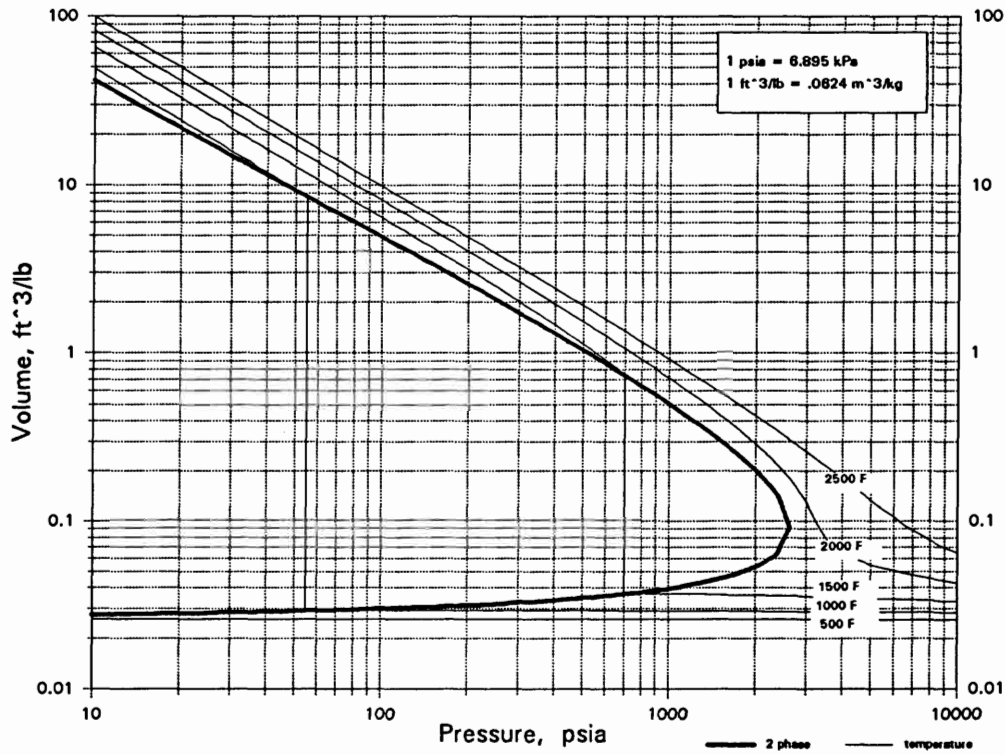
Éste trabajo está dedicado a mi esposa,  
Erica, la razón por la que soy.

## Otros Títulos a Publicar o Publicados

Afinidades Electrónicas y Protónicas de Compuestos Inorgánicos.  
Atacabilidad de Compuestos Inorgánicos.  
Calor de Vaporización, de Fusión y de Sublimación de Compuestos Inorgánicos.  
Capacidad Calorífica de Compuestos Inorgánicos.  
Conductividad Térmica de Compuestos Inorgánicos.  
Constantes Crioscópicas de Compuestos Inorgánicos.  
Constantes Dieléctricas de Compuestos Inorgánicos.  
Constantes Críticas de Compuestos Inorgánicos.  
Constantes de la Ecuación de Beattie-Bridgman de Compuestos Inorgánicos.  
Constantes de la Ecuación de Benedict-Webb-Rubin de Compuestos Inorgánicos.  
Constantes de la Ecuación de Van der Waals de Compuestos Inorgánicos.  
Densidades de Compuestos Inorgánicos.  
Diagramas de Propiedades de Compuestos Inorgánicos – A.  
Diagramas de Propiedades de Compuestos Inorgánicos – B.  
Diagramas de Propiedades de Compuestos Inorgánicos – C.  
Diagramas de Propiedades de Compuestos Inorgánicos – E.  
Diagramas de Propiedades de Compuestos Inorgánicos – F.  
Diagramas de Propiedades de Compuestos Inorgánicos – G.  
Diagramas de Propiedades de Compuestos Inorgánicos – H.  
Diagramas de Propiedades de Compuestos Inorgánicos – I.  
Diagramas de Propiedades de Compuestos Inorgánicos – K.  
Diagramas de Propiedades de Compuestos Inorgánicos – L.  
Diagramas de Propiedades de Compuestos Inorgánicos – M.  
Diagramas de Propiedades de Compuestos Inorgánicos – N.  
Diagramas de Propiedades de Compuestos Inorgánicos – O.  
Diagramas de Propiedades de Compuestos Inorgánicos – P.  
Diagramas de Propiedades de Compuestos Inorgánicos – R.  
Diagramas de Propiedades de Compuestos Inorgánicos – S.  
Diagramas de Propiedades de Compuestos Inorgánicos – T.  
Diagramas de Propiedades de Compuestos Inorgánicos – U.  
Diagramas de Propiedades de Compuestos Inorgánicos – V.  
Diagramas de Propiedades de Compuestos Inorgánicos – W.  
Diagramas de Propiedades de Compuestos Inorgánicos – X.  
Diagramas de Propiedades de Compuestos Inorgánicos – Y.  
Diagramas de Propiedades de Compuestos Inorgánicos – Z.  
Efecto Joule-Thomson de Compuestos Inorgánicos.  
Entalpías, Energías Libres y Entropías de Formación de Compuestos Inorgánicos.  
Índices de Refracción de Compuestos Inorgánicos.  
Longitud y Ángulos de Enlaces de Compuestos Inorgánicos.  
Momentos Dipolares de Compuestos Inorgánicos.  
Movilidades Iónicas de Compuestos Inorgánicos.  
Tablas de Presiones/Tensiones de Vapor de Compuestos Inorgánicos.  
Presiones de Disociación de Compuestos Inorgánicos.  
Presiones Parciales de Soluciones de Compuestos Inorgánicos.

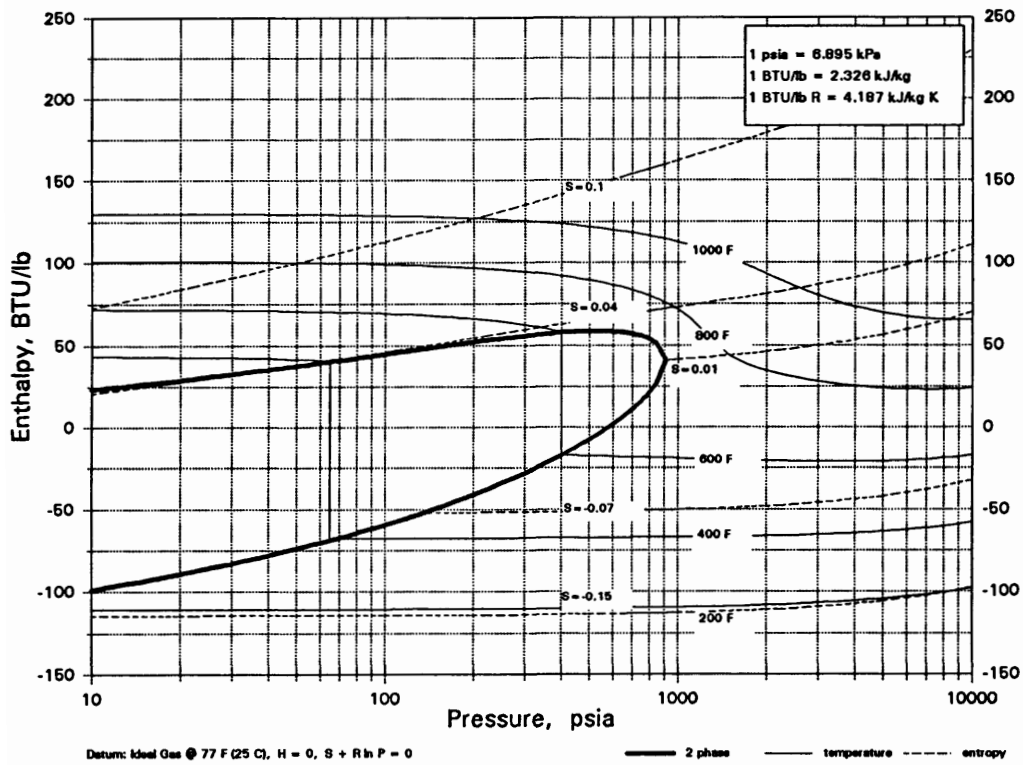
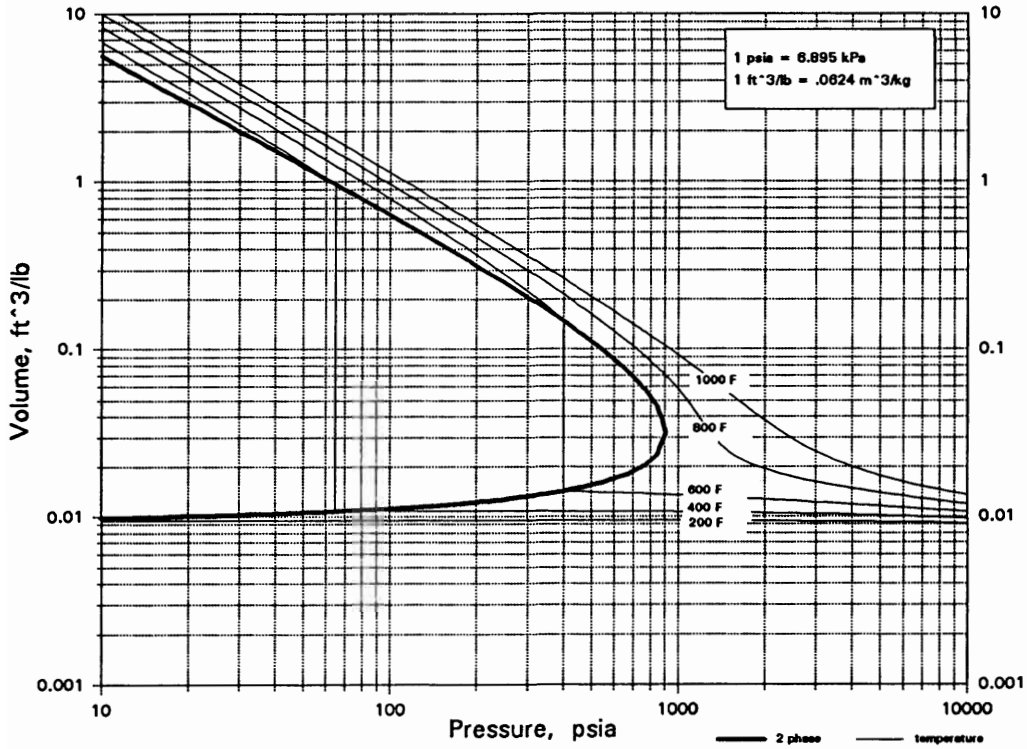
Propiedades a Saturación y Recalentadas de Compuestos Inorgánicos.  
Resistencias Eléctricas, Conductividades, Resistividades, etc., de Compuestos Inorgánicos.  
Resistencia Mecánica, Módulos, etc., de Compuestos Inorgánicos.  
Solubilidades de Compuestos Inorgánicos.  
Tablas de Temperatura, Presión, Composición, Coeficientes de Actividad de Sistemas Binarios de Compuestos Inorgánicos.  
Tensiones Superficiales de Compuestos Inorgánicos.  
Viscosidades de Compuestos Inorgánicos.

**S**                      **SULFUR**

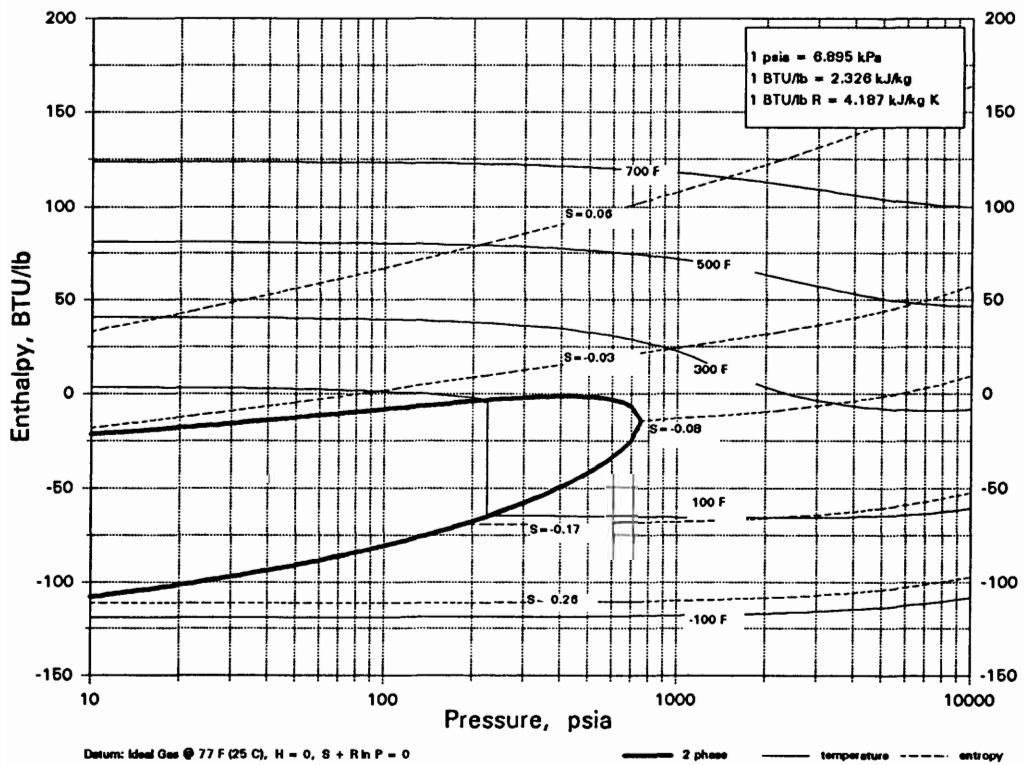
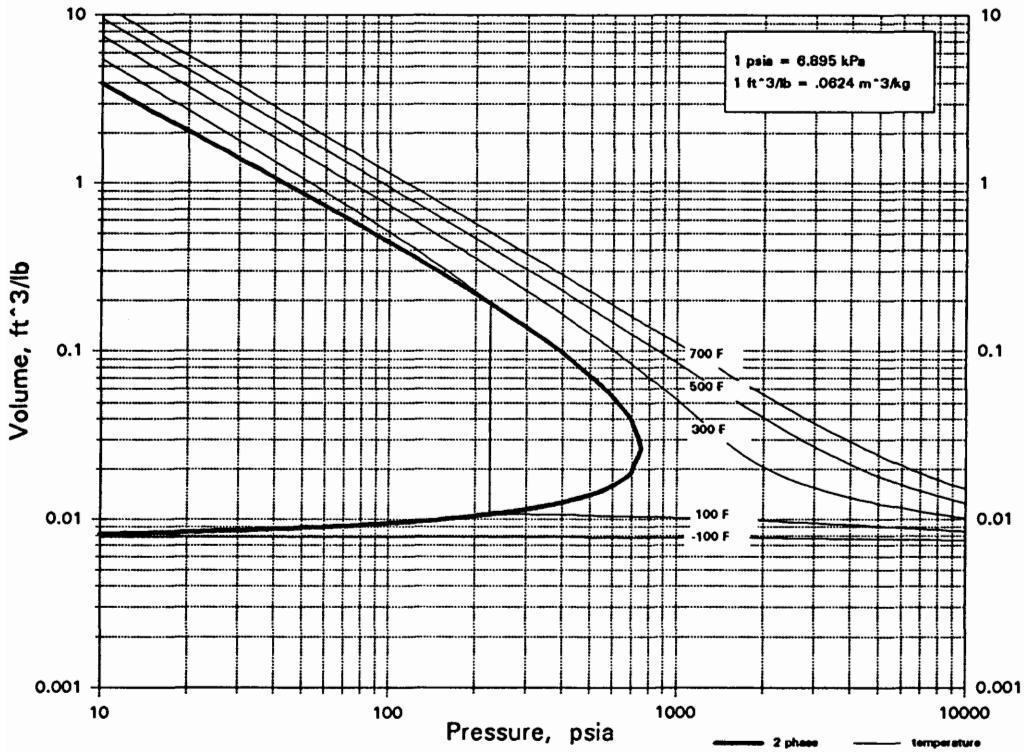


S2Cl2

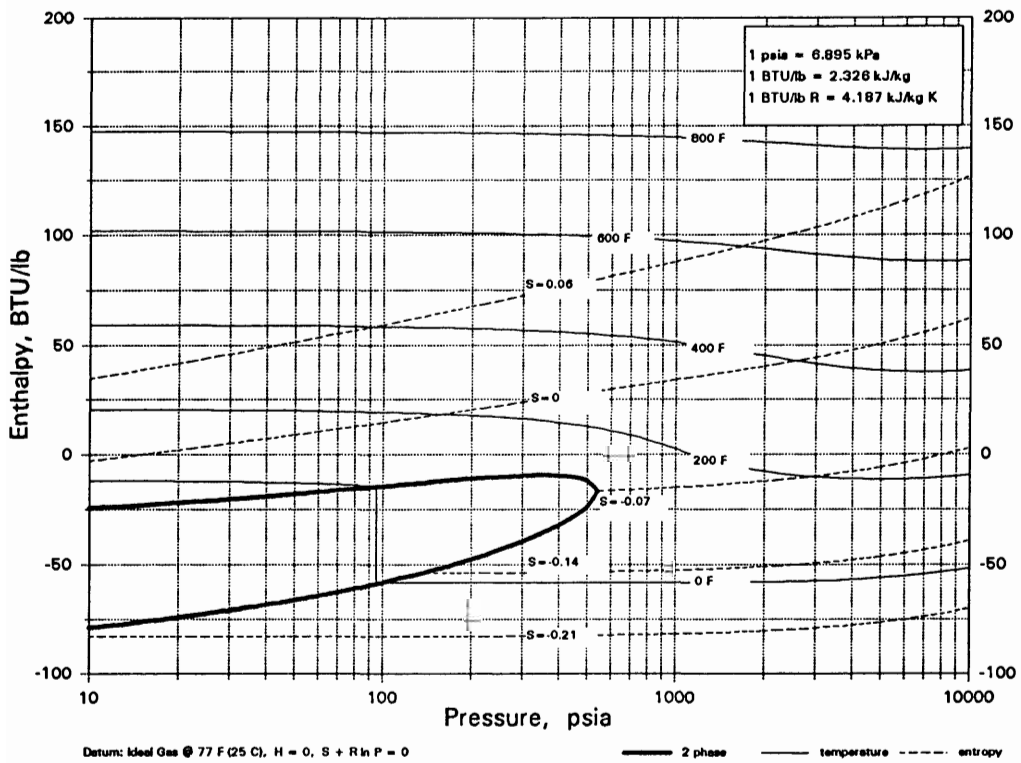
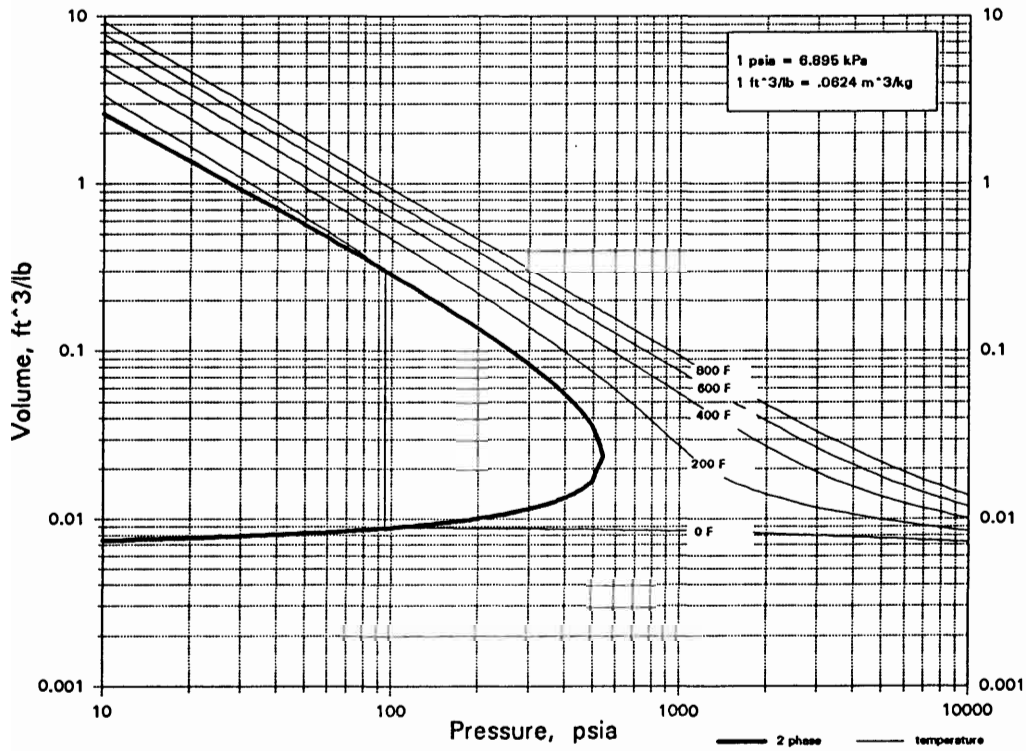
SULFUR MONOCHLORIDE



**SF<sub>4</sub>                      SULFUR TETRAFLUORIDE**

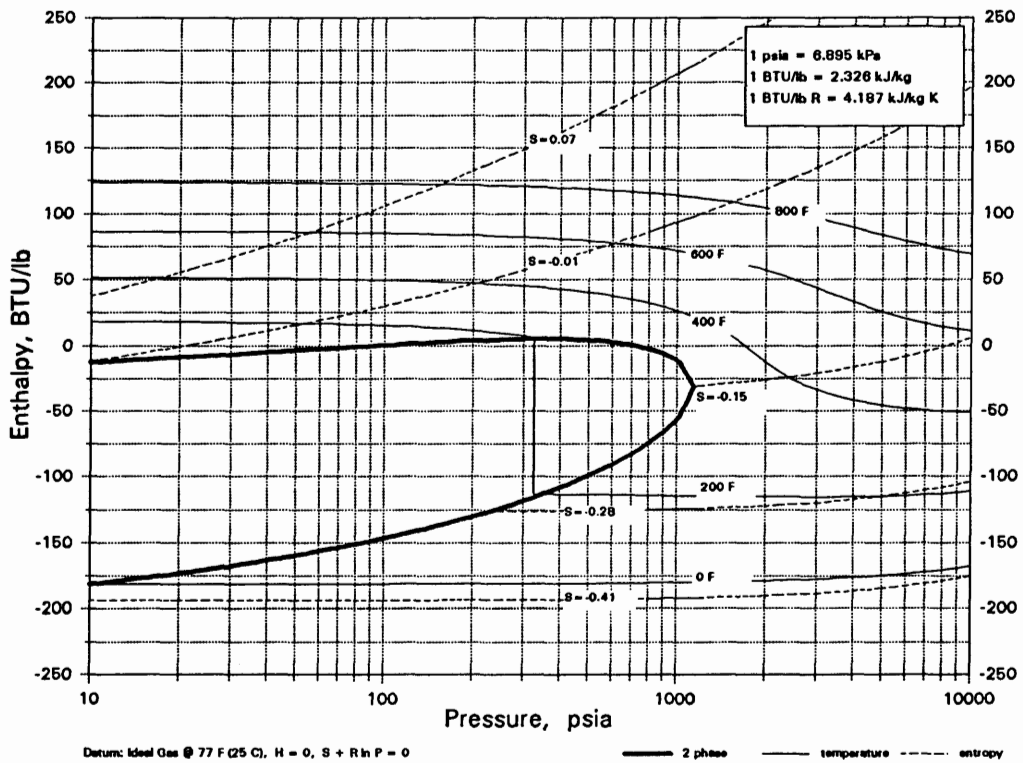
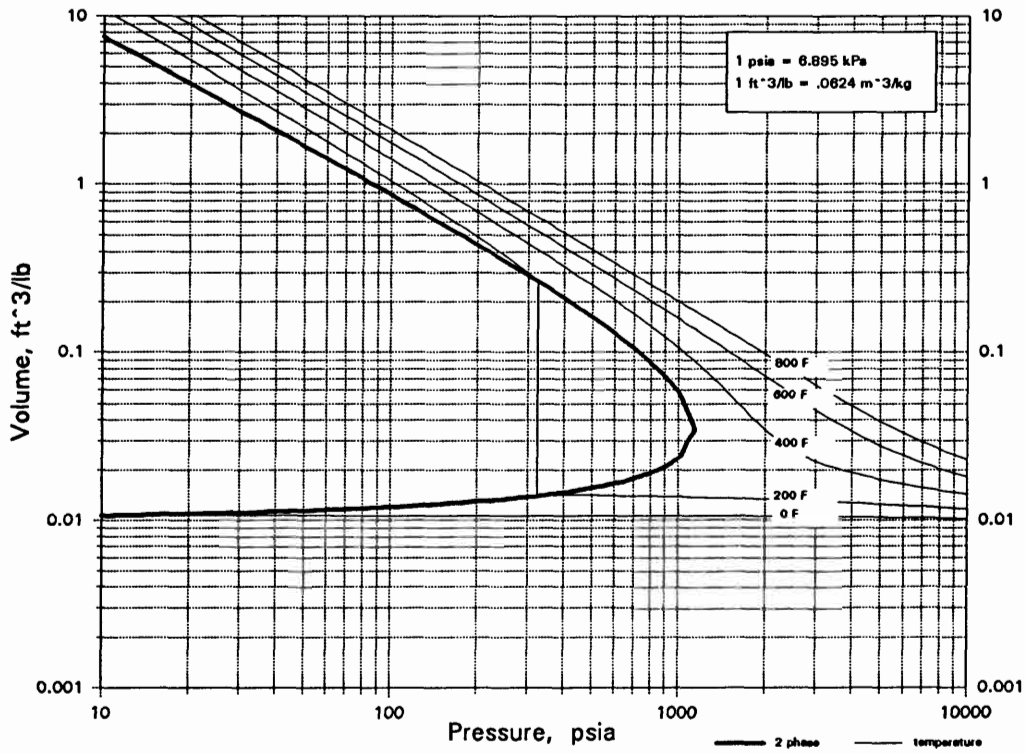


**SF6**      **SULFUR HEXAFLUORIDE**

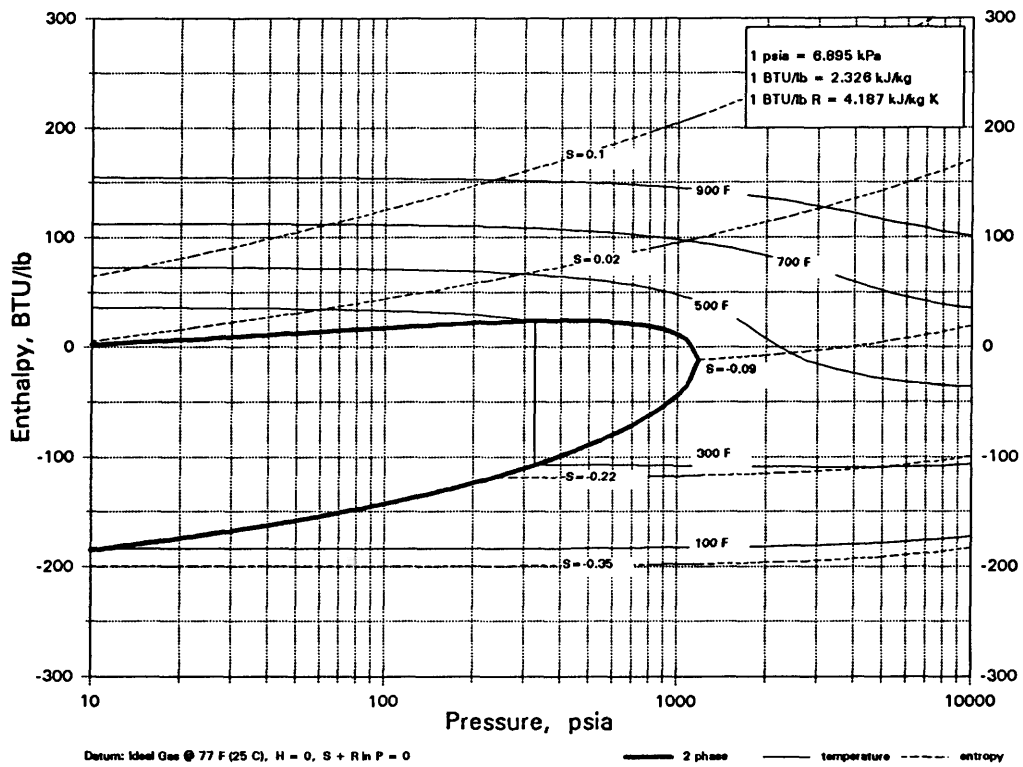
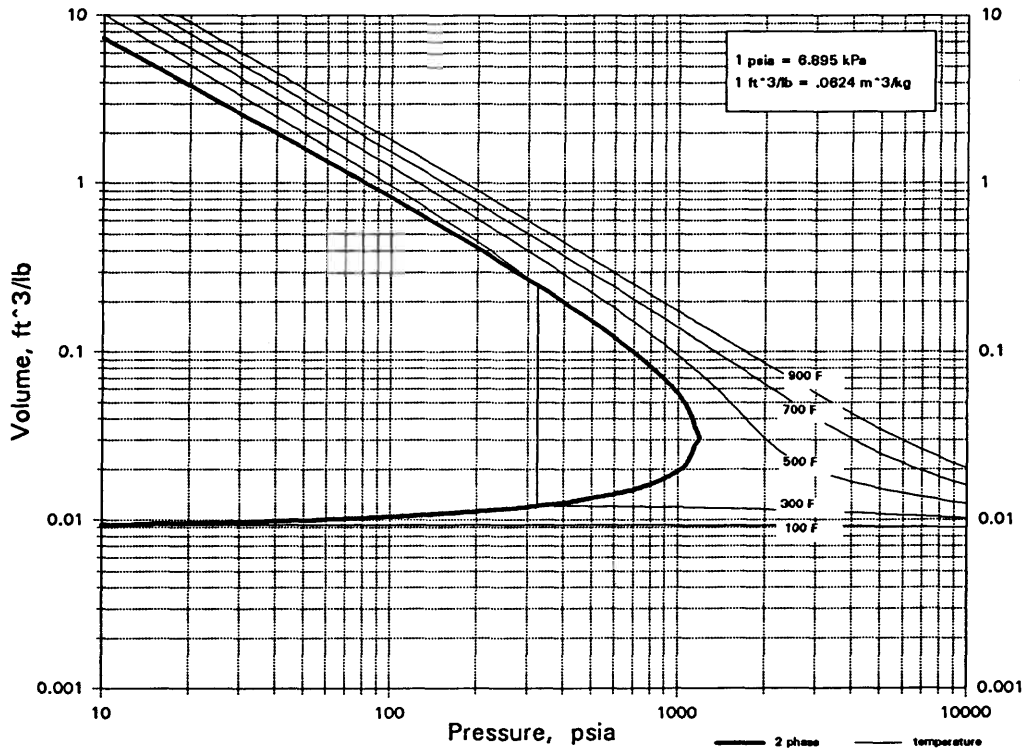




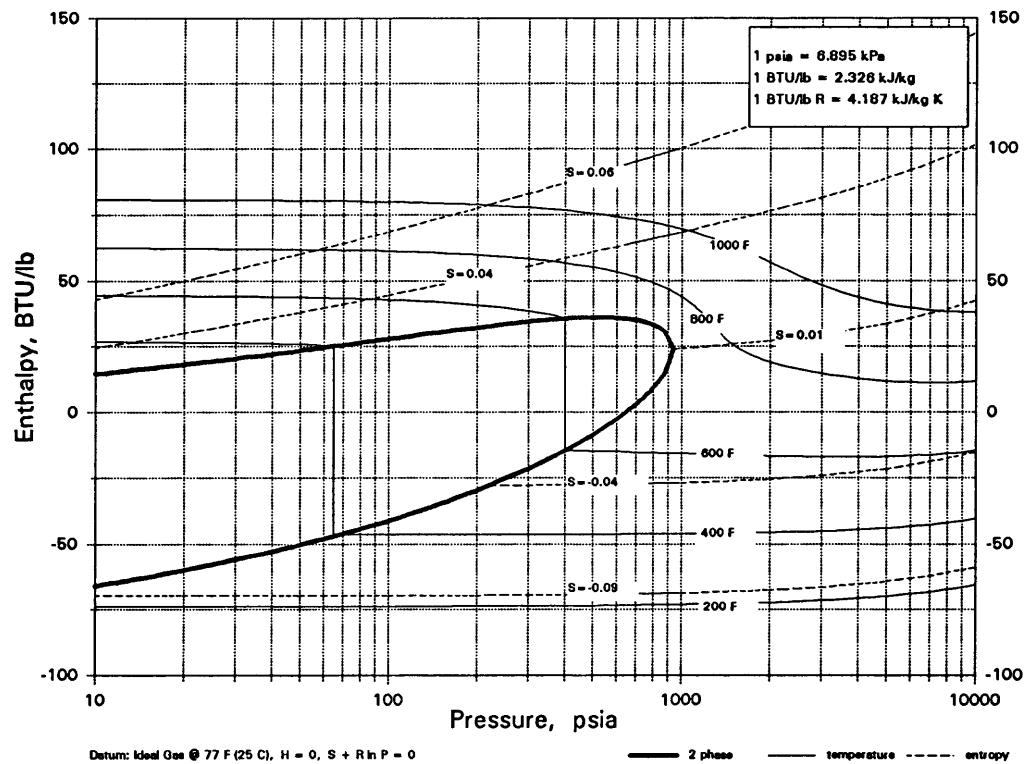
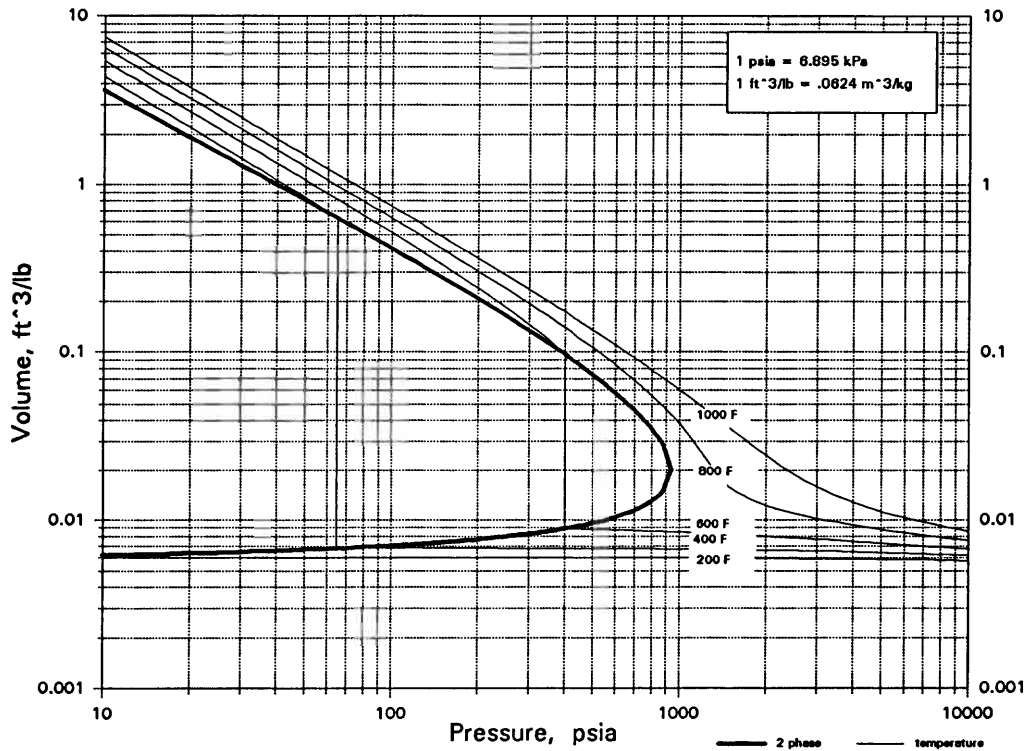
**SO2                      SULFUR DIOXIDE**



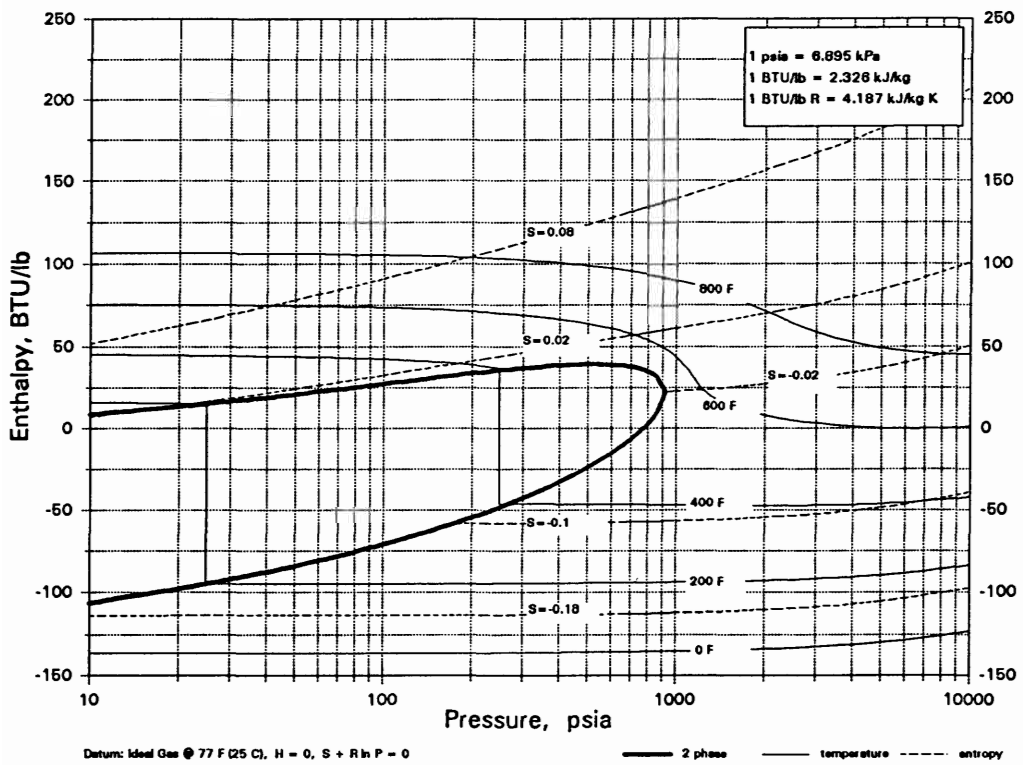
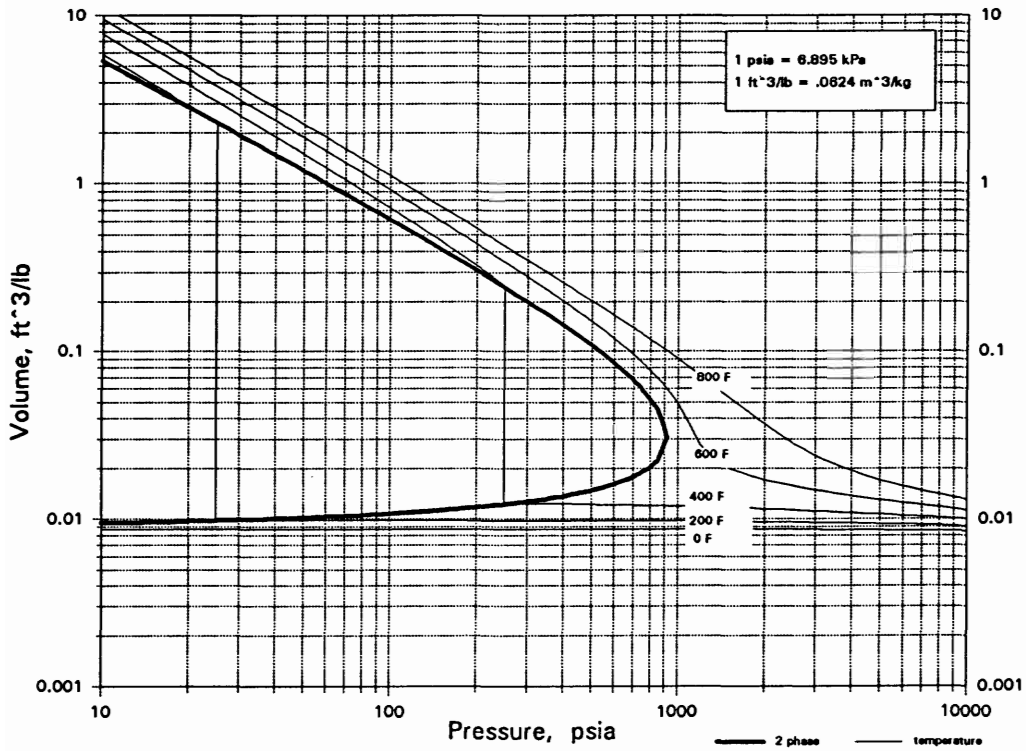
**SO3                      SULFUR TRIOXIDE**



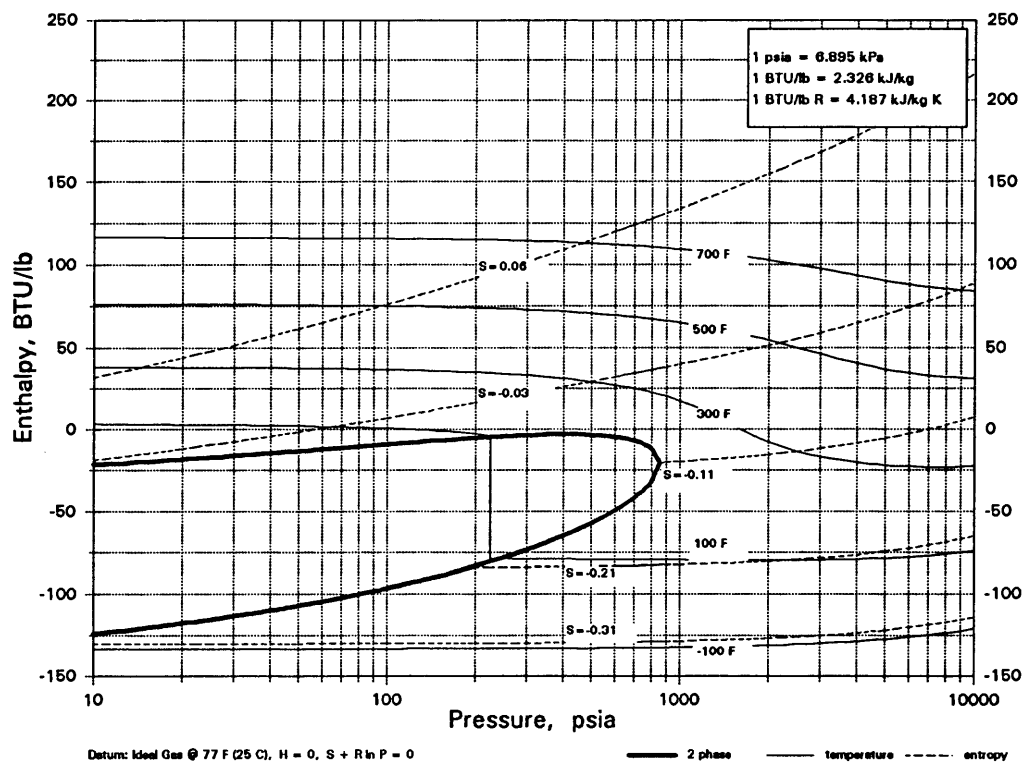
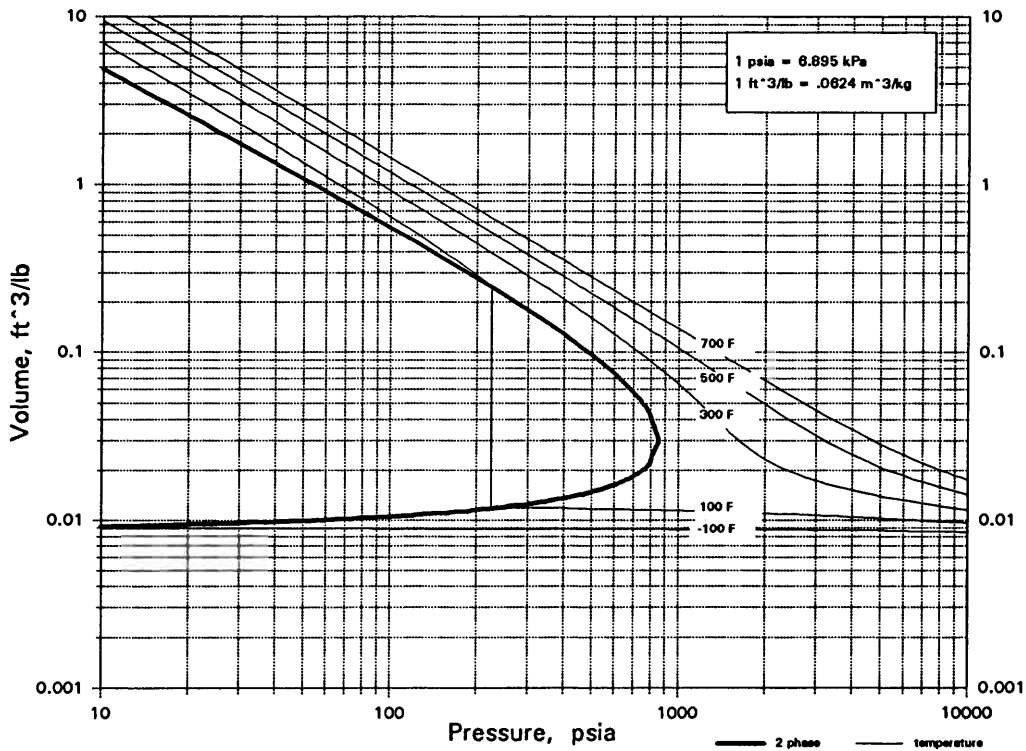
**SOBr<sub>2</sub>      THIONYL BROMIDE**



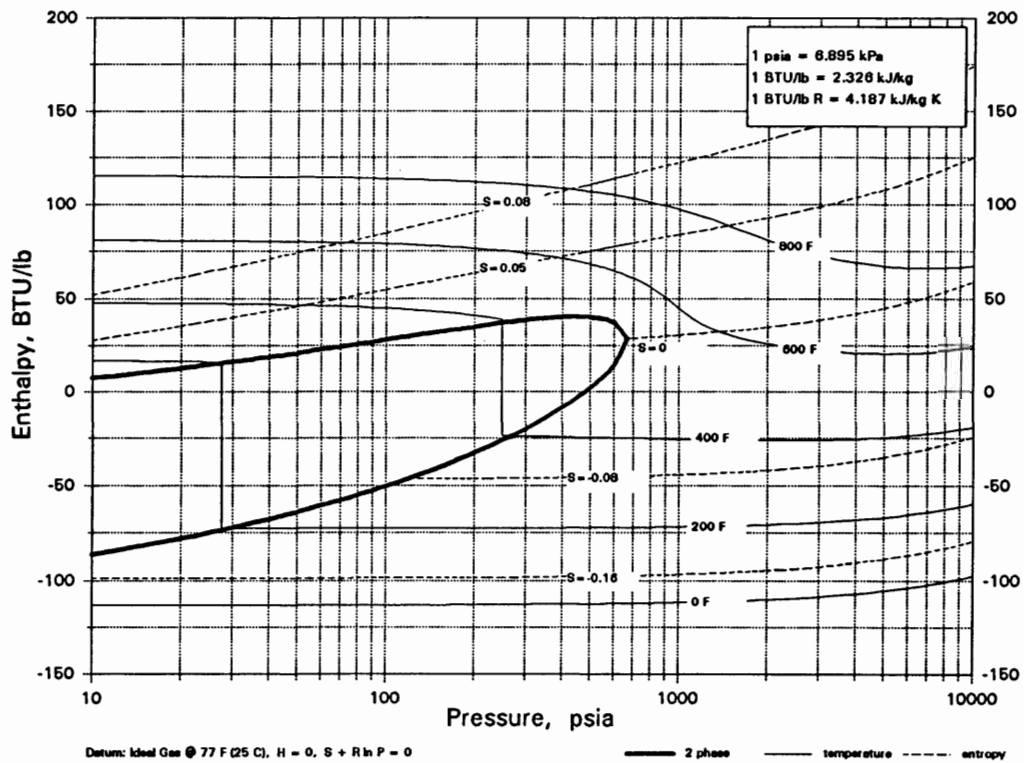
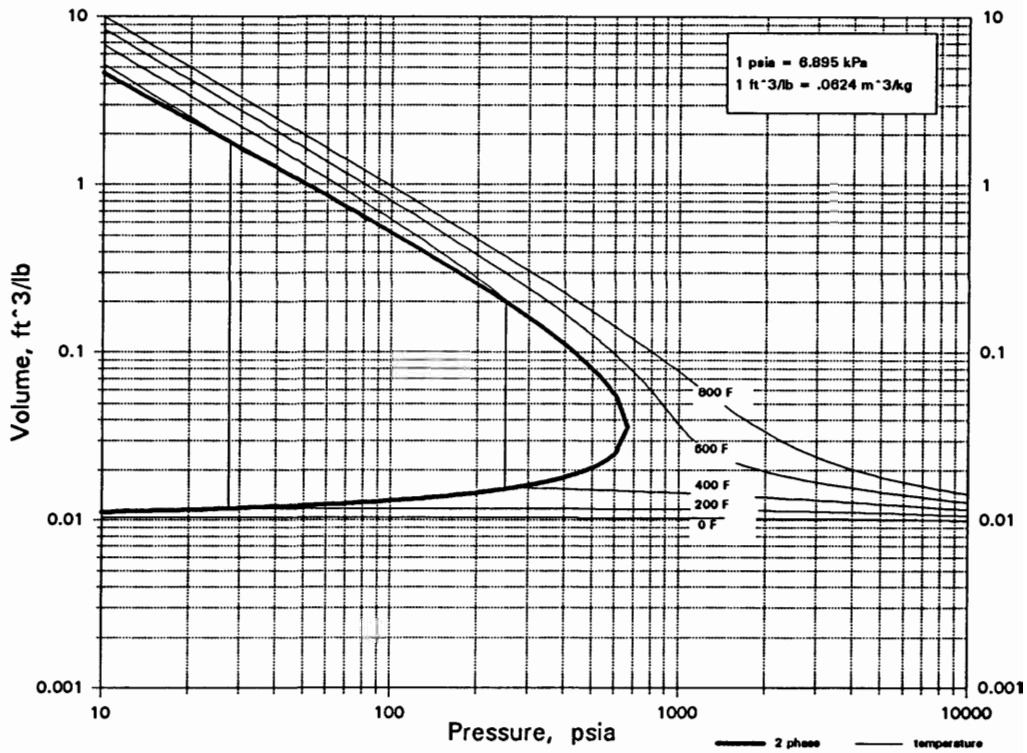
**SOCI<sub>2</sub>      THIONYL CHLORIDE**



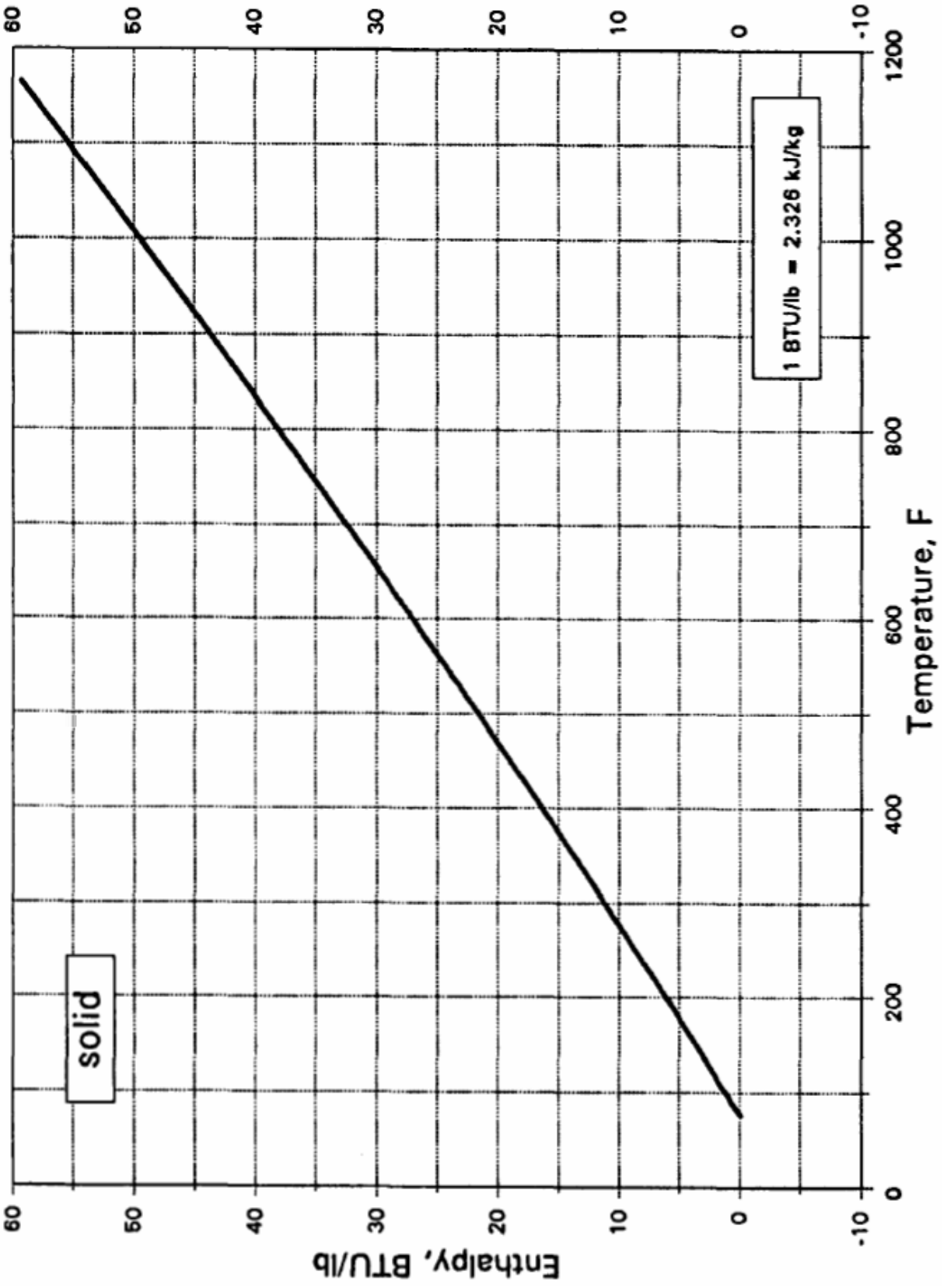
**SOF<sub>2</sub>      SULFUROUS OXYFLUORIDE**



**SO<sub>2</sub>Cl<sub>2</sub>      SULFURYL CHLORIDE**

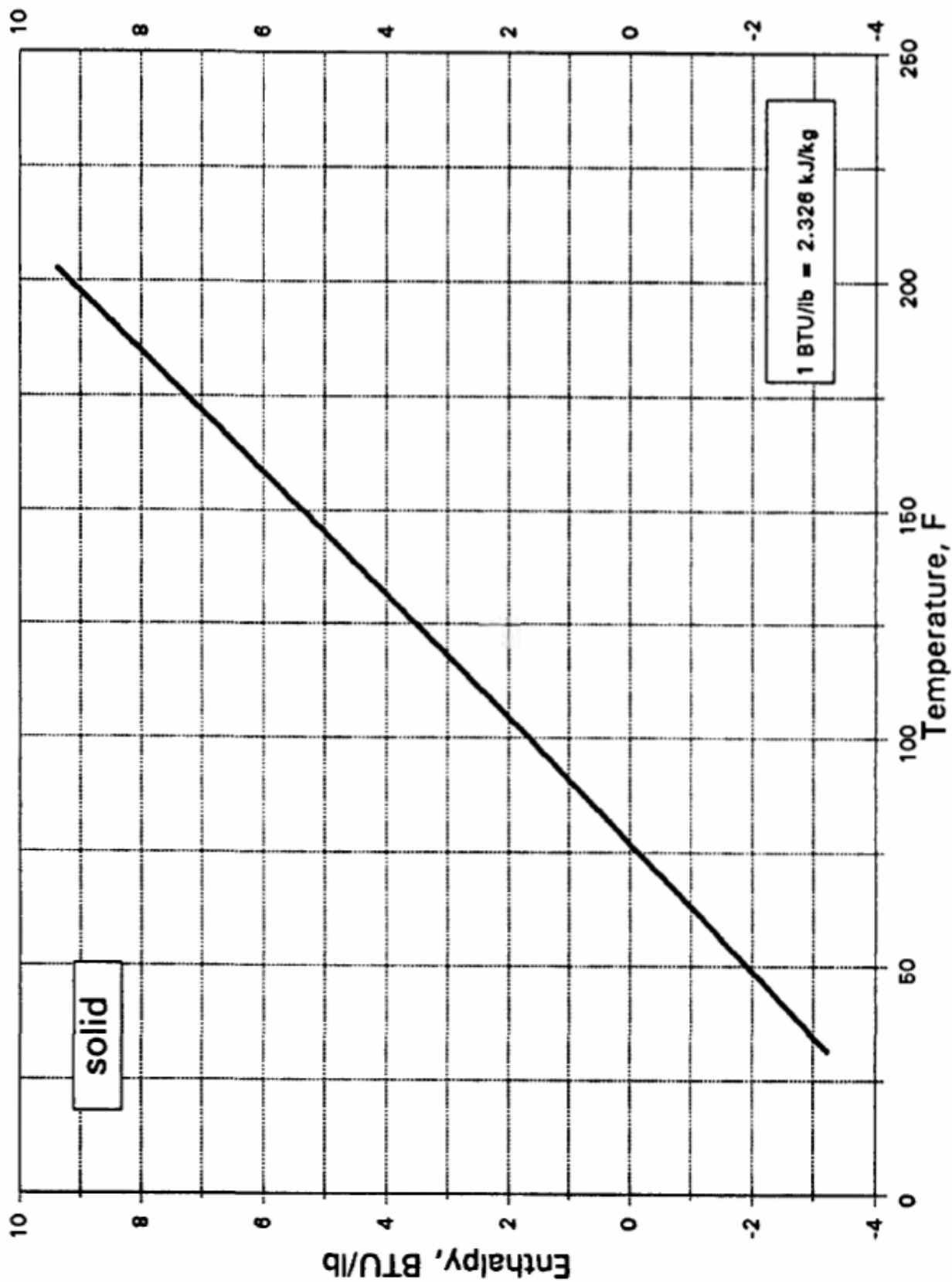


Sb ANTIMONY



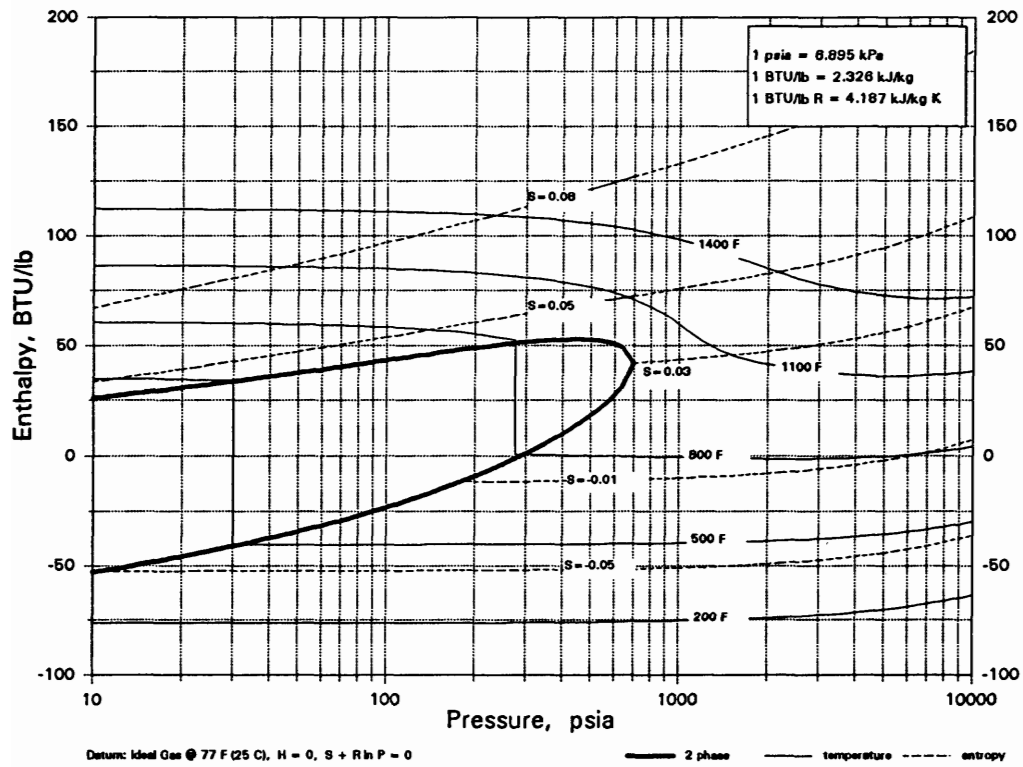
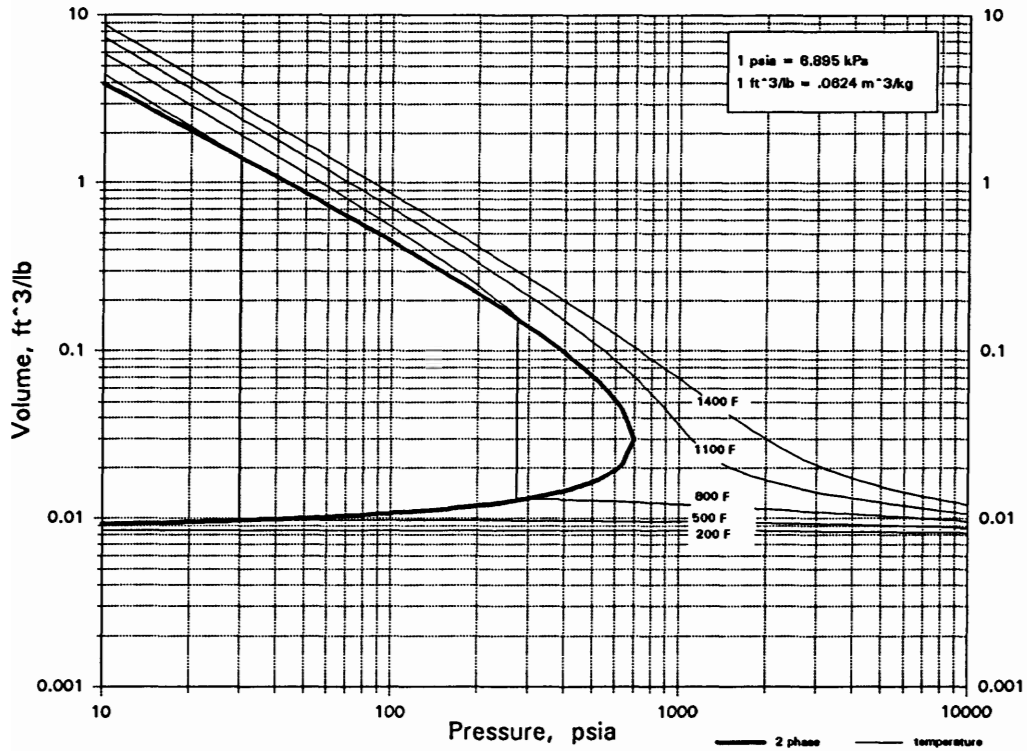
SbBr<sub>3</sub>

ANTIMONY TRIBROMIDE

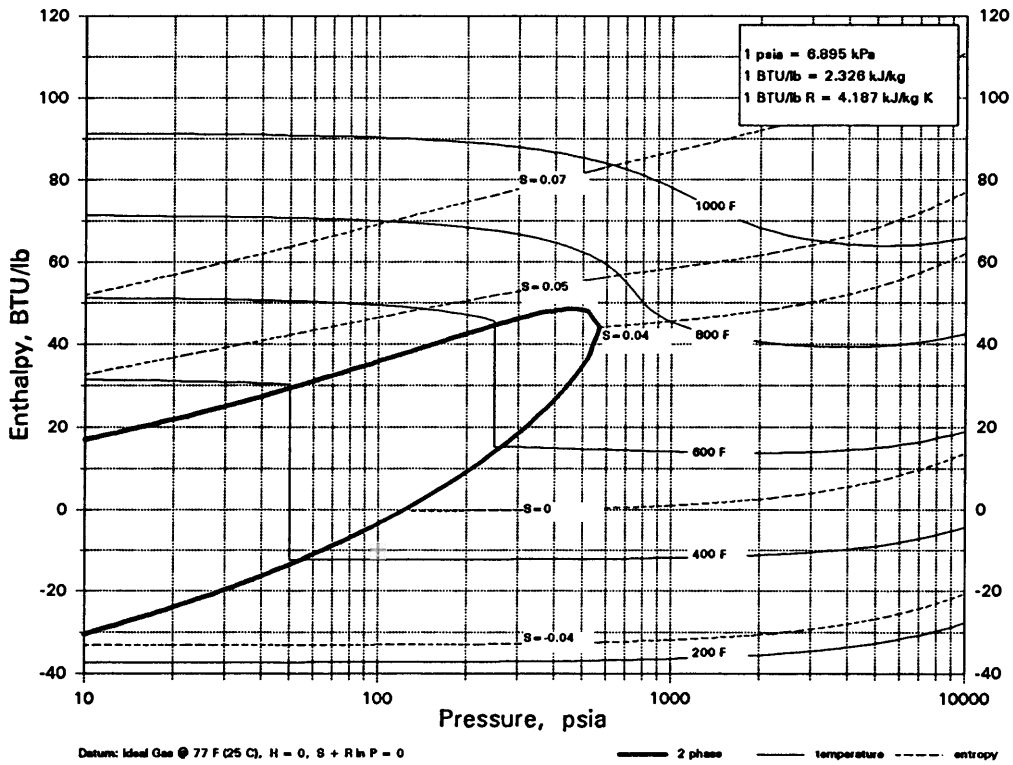
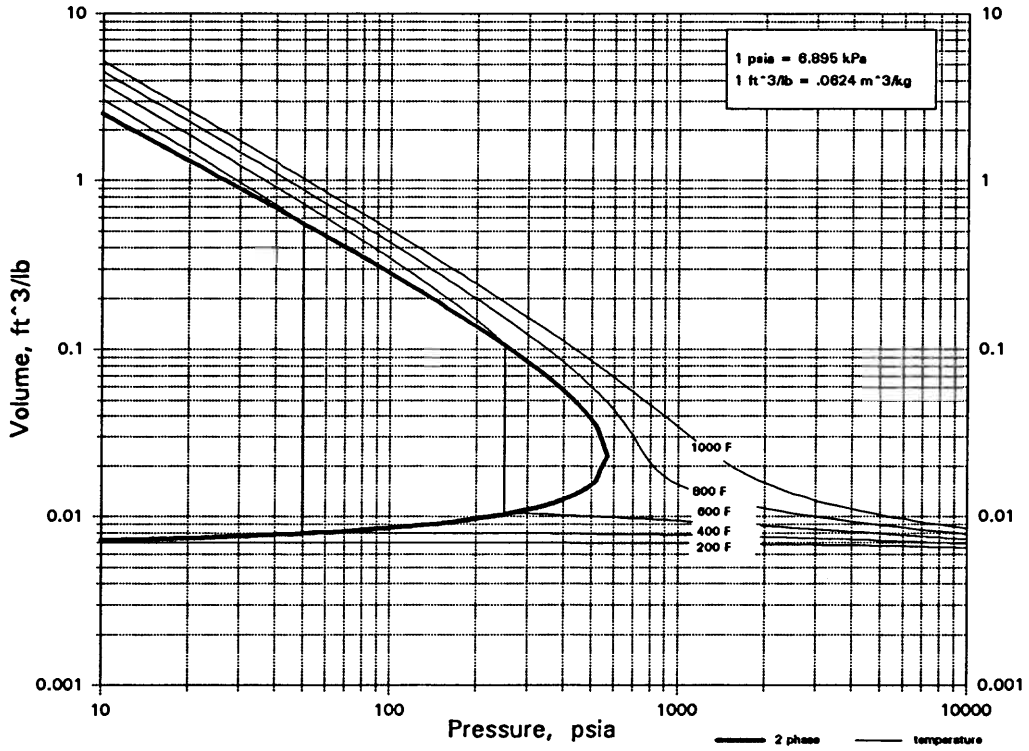




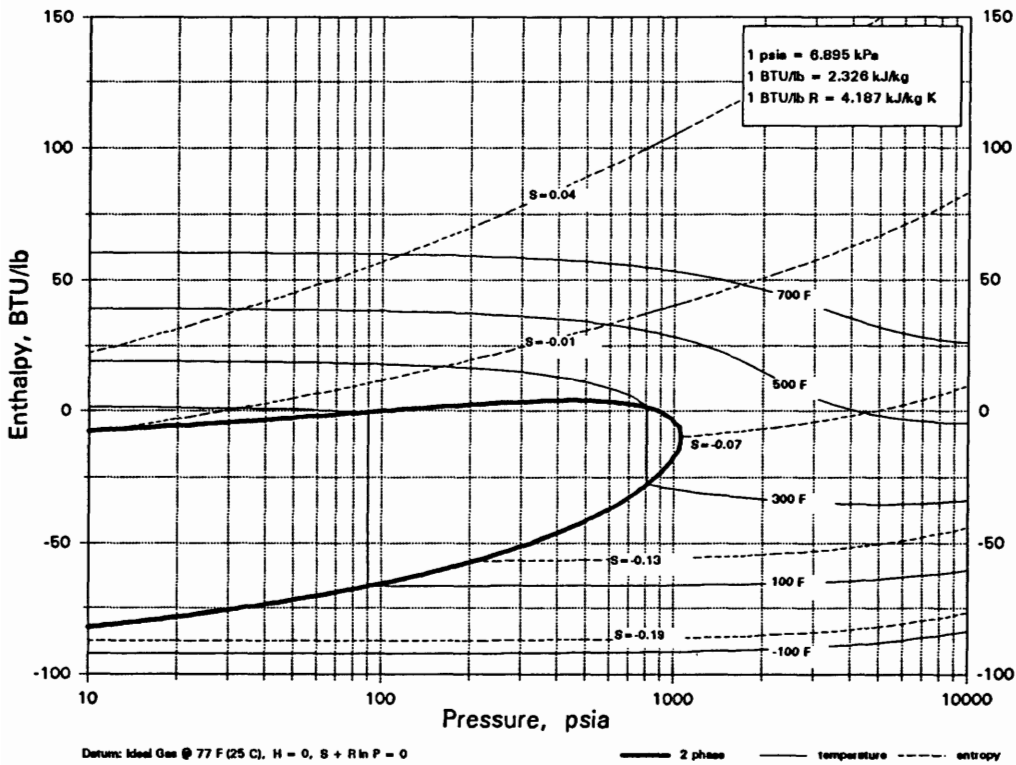
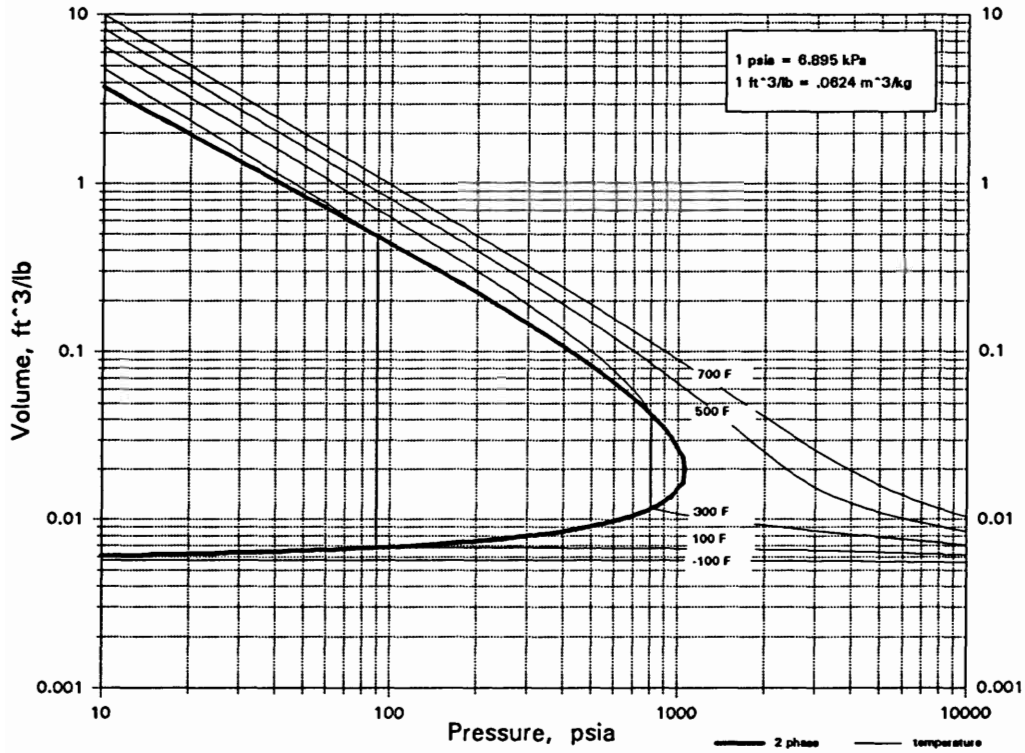
**SbCl<sub>3</sub>      ANTIMONY TRICHLORIDE**



**SbCl<sub>5</sub>      ANTIMONY PENTACHLORIDE**

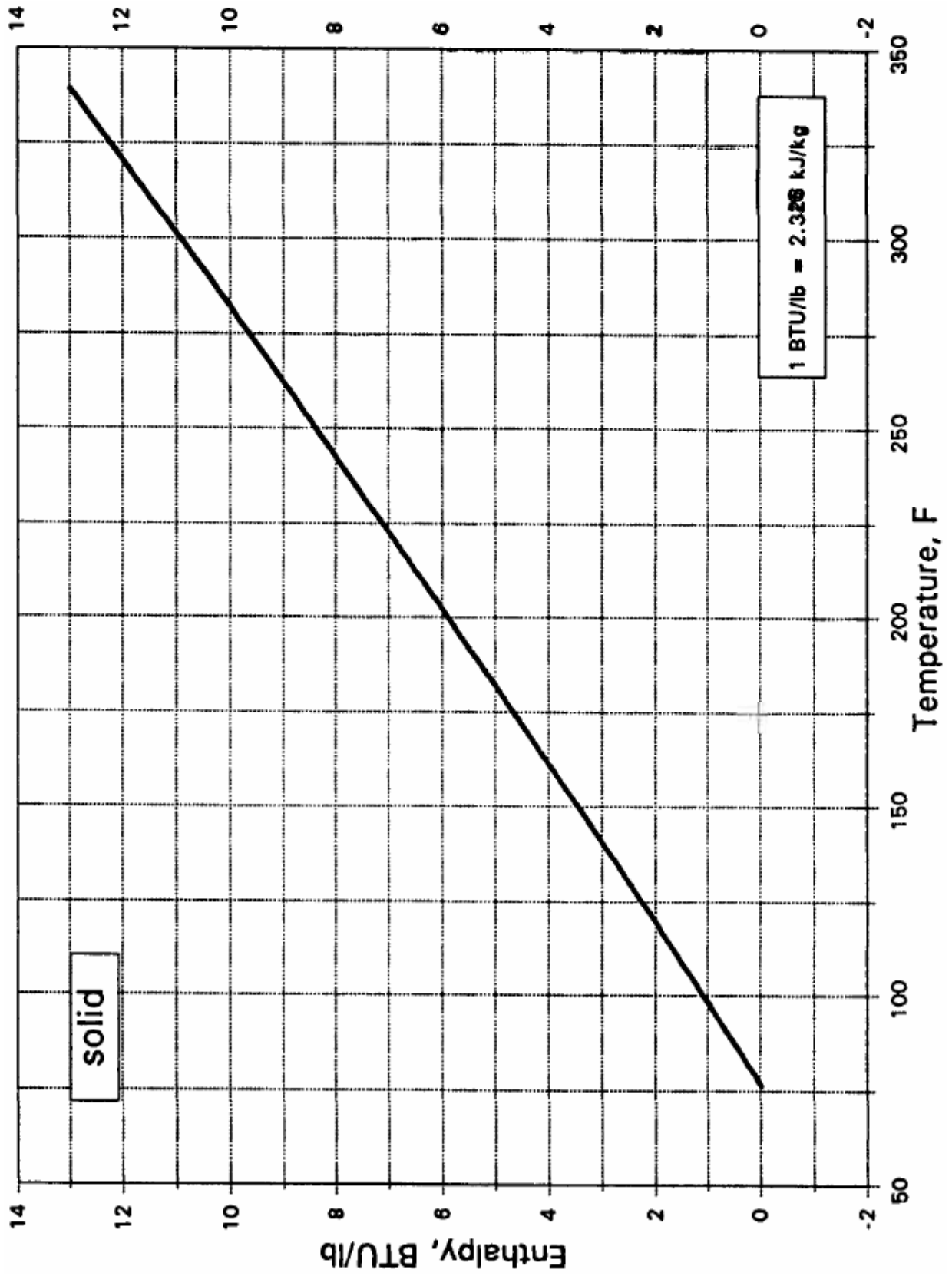


**SbH3      STIBINE**



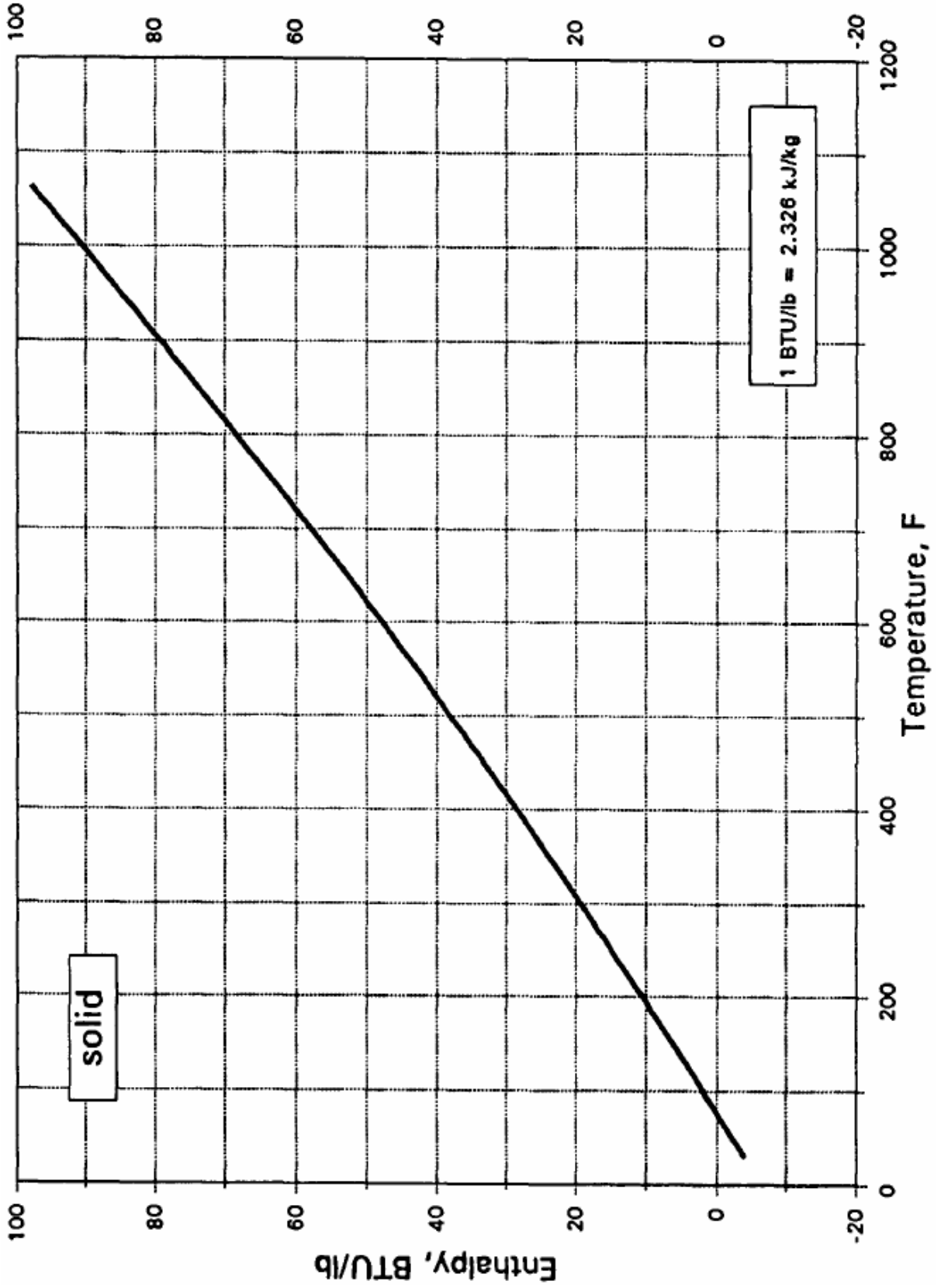
SbI3

ANTIMONY TRIIODIDE

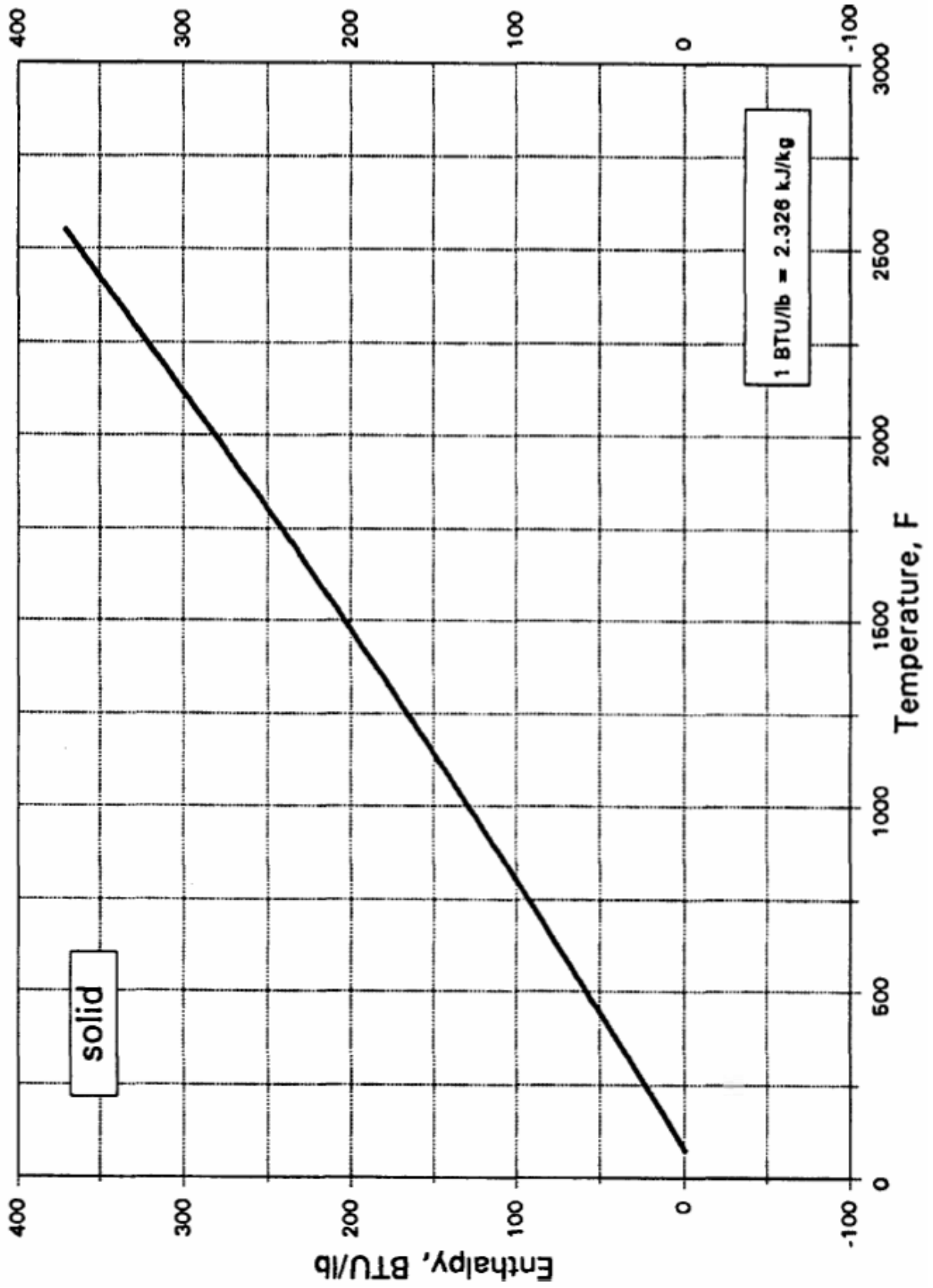


Sb2O3

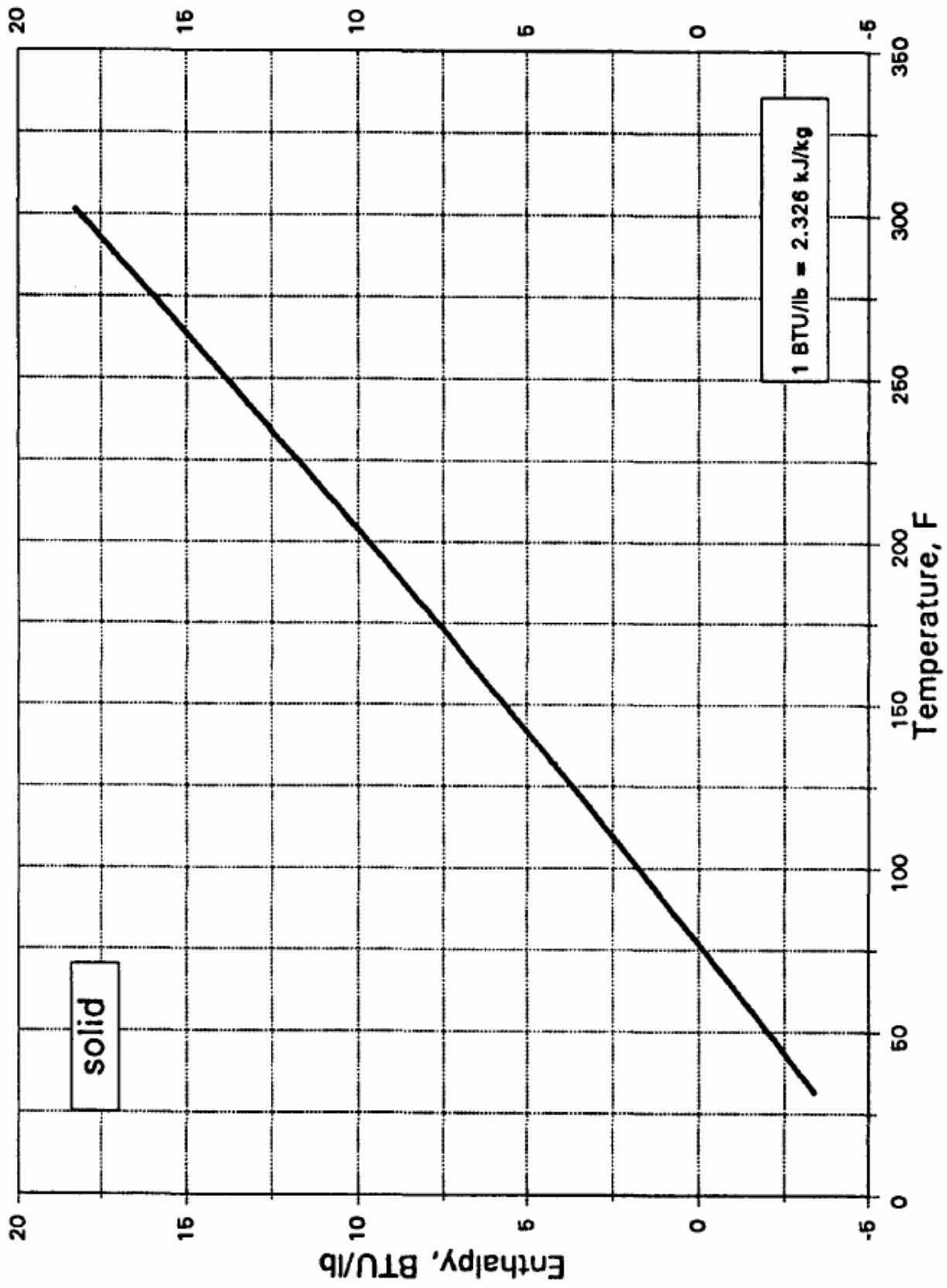
ANTIMONY TRIOXIDE



Sc SCANDIUM



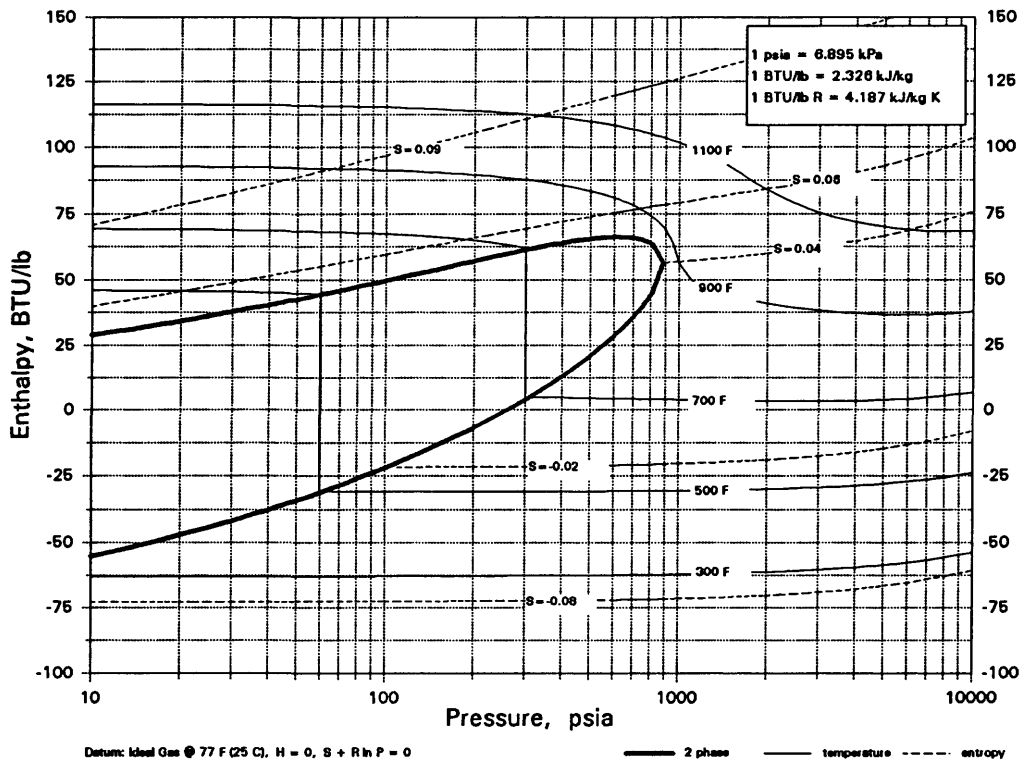
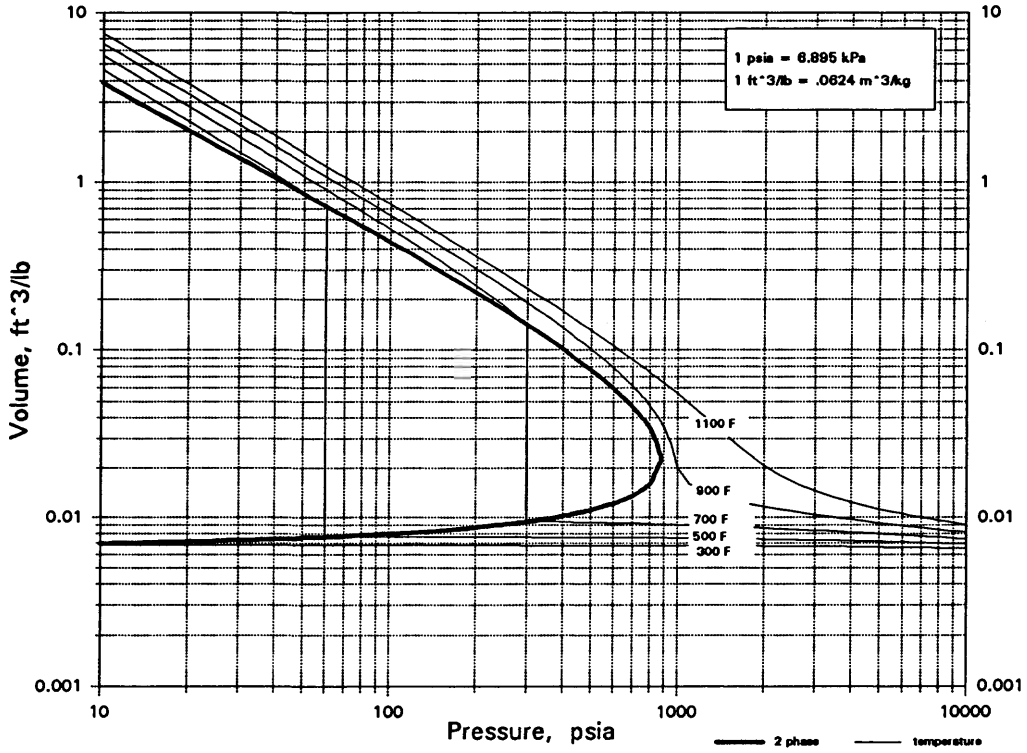
Se SELENIUM



solid

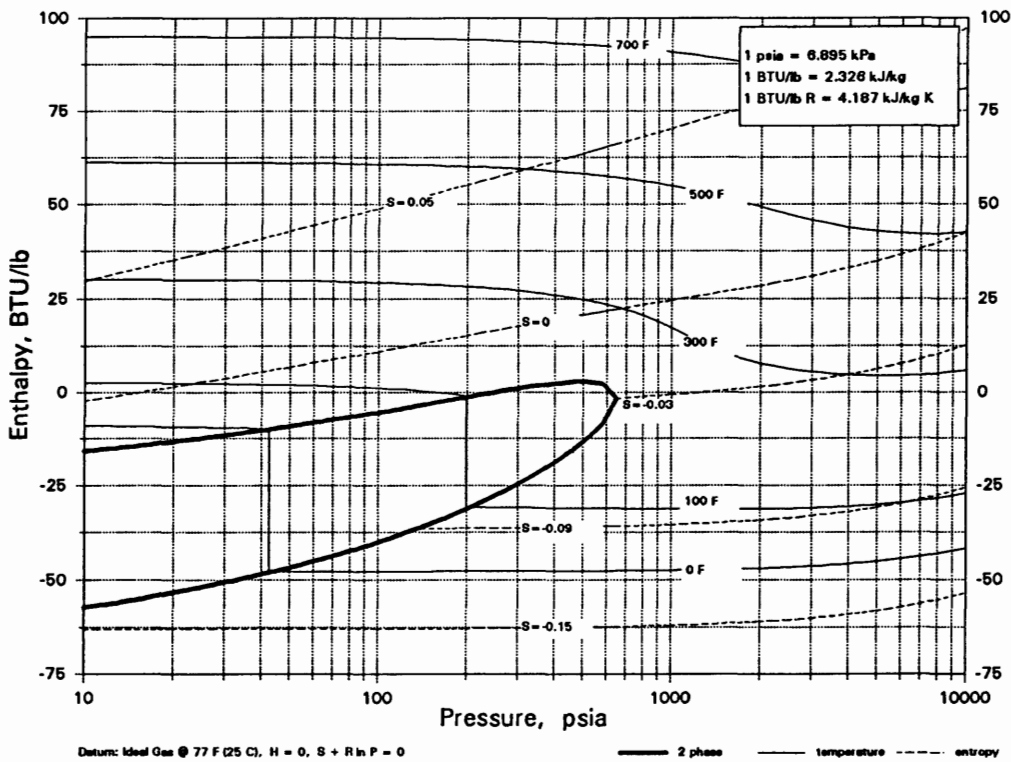
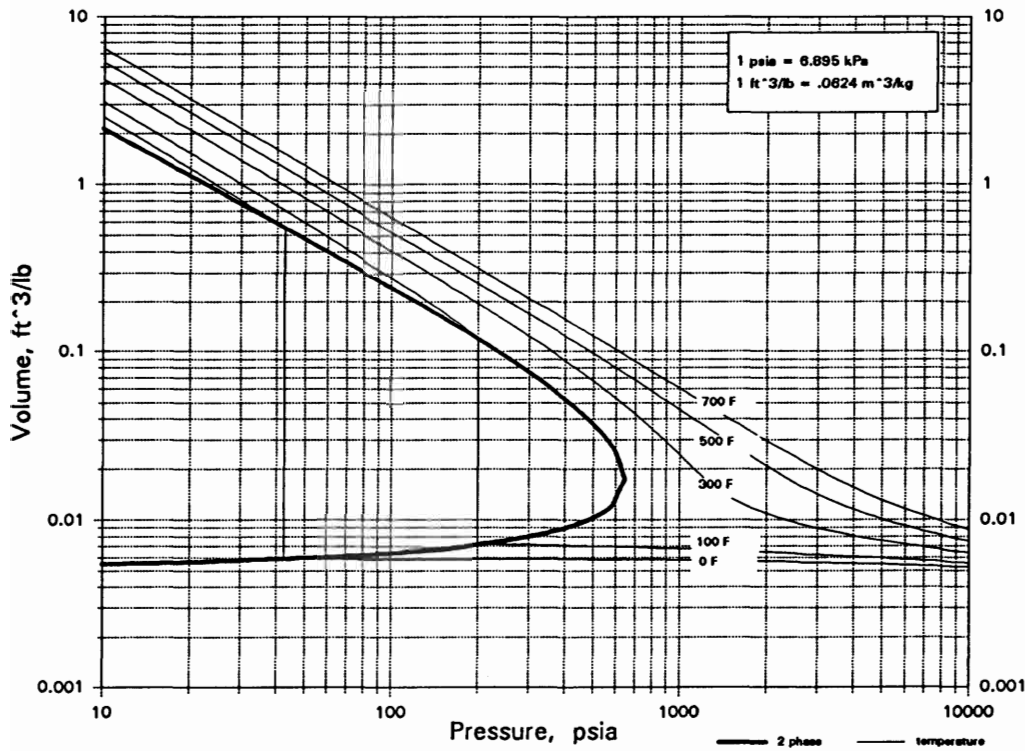
1 BTU/lb = 2.326 kJ/kg

**SeCl<sub>4</sub>      SELENIUM TETRACHLORIDE**

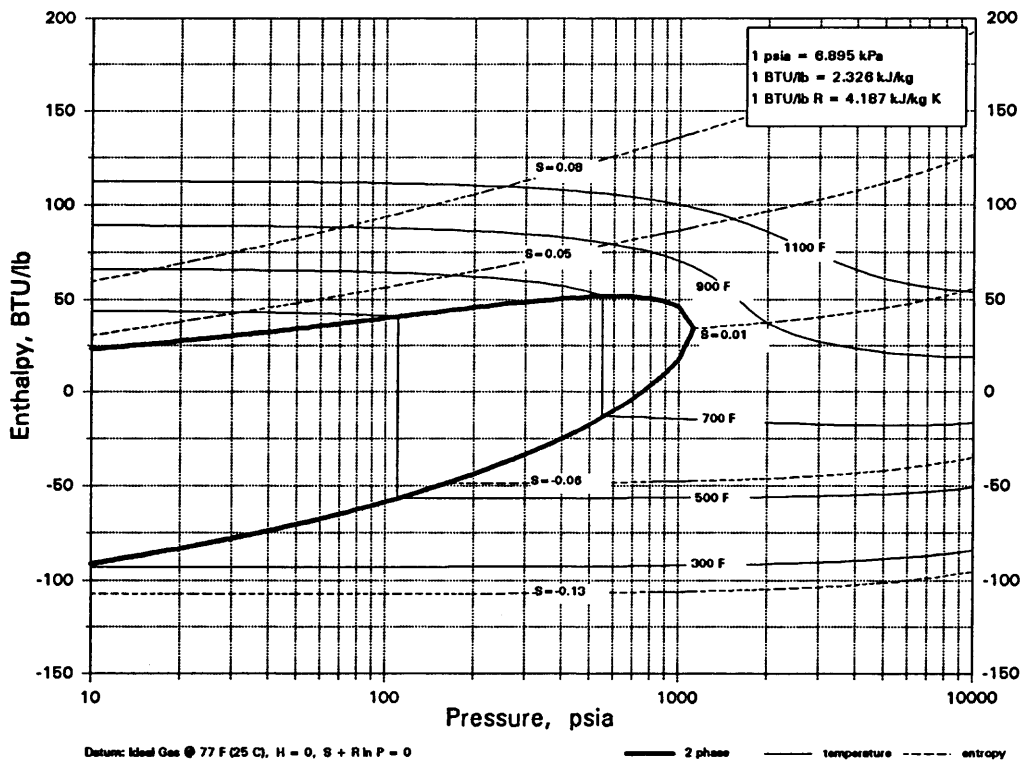
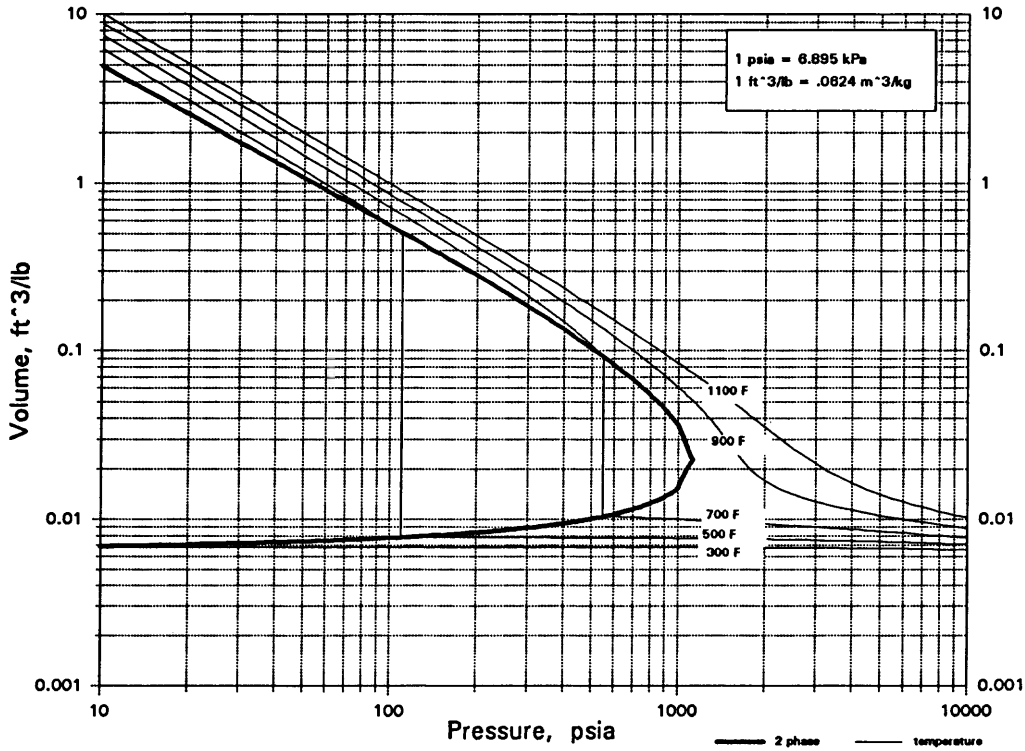




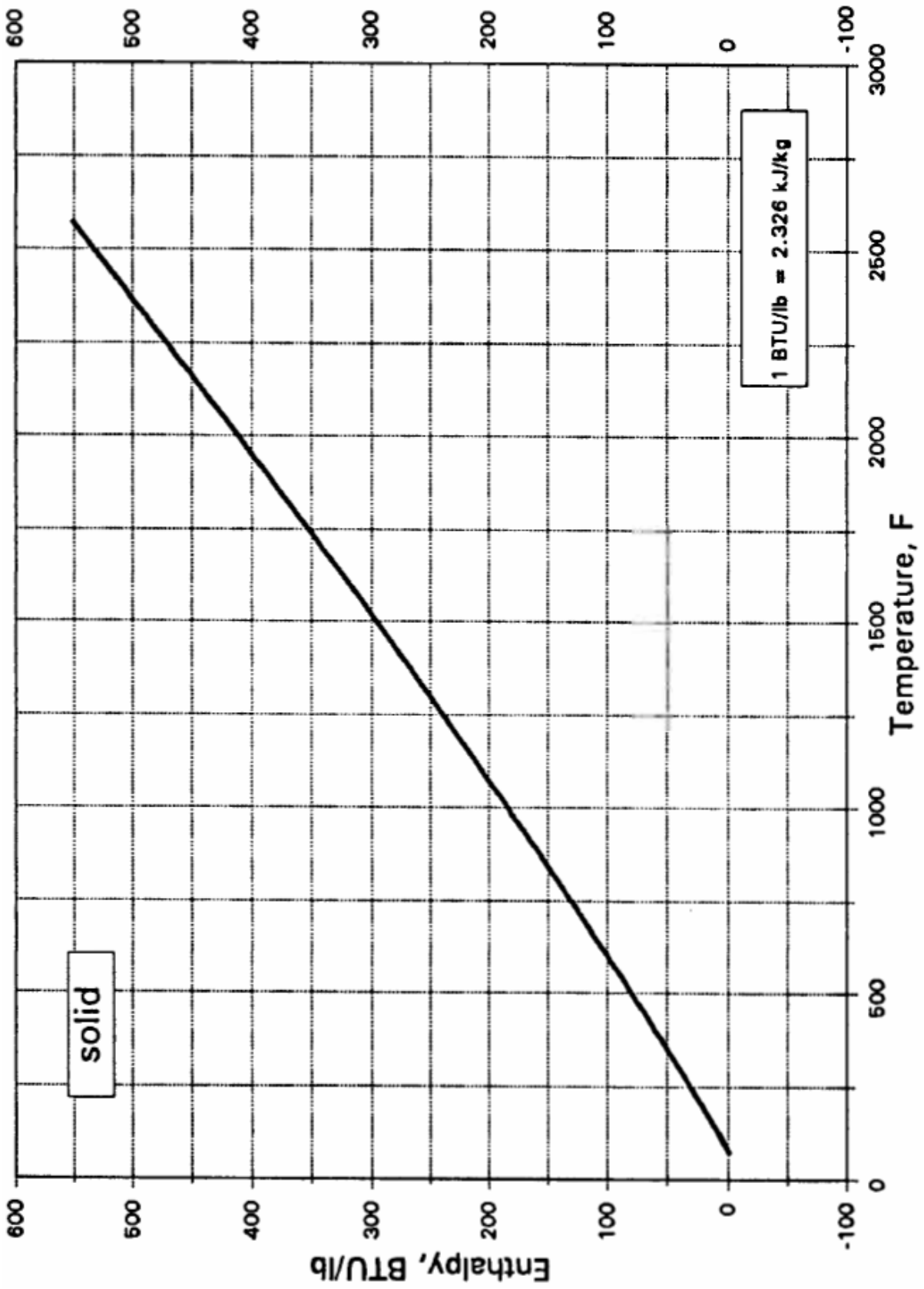
**SeF6**      **SELENIUM HEXAFLUORIDE**



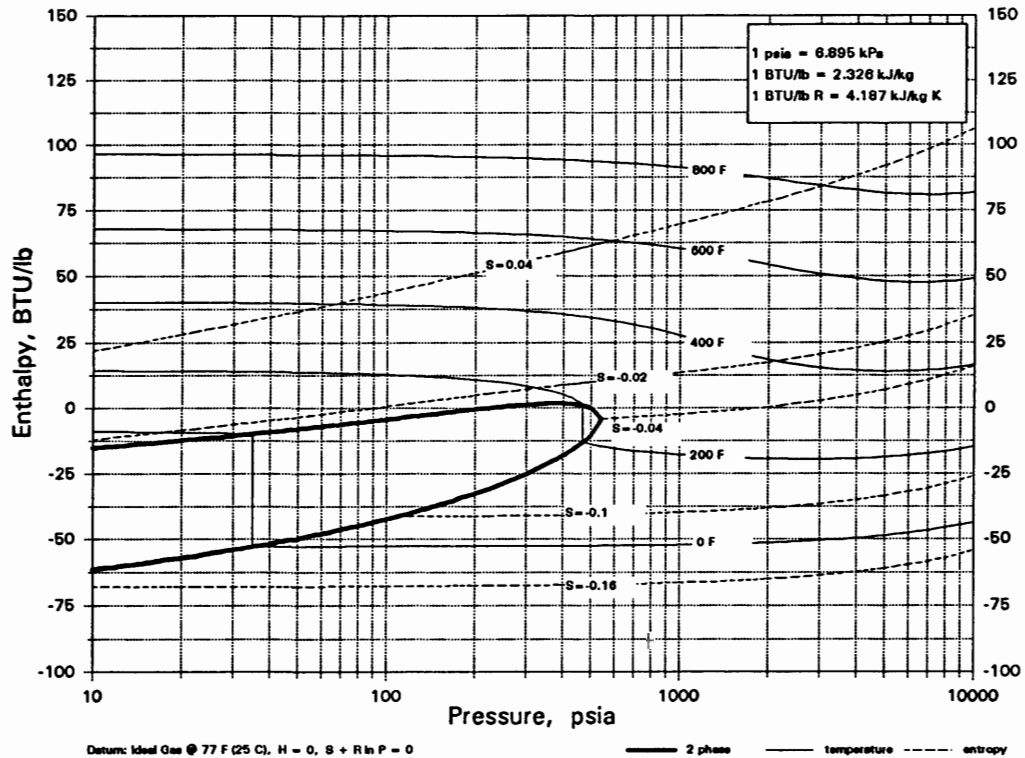
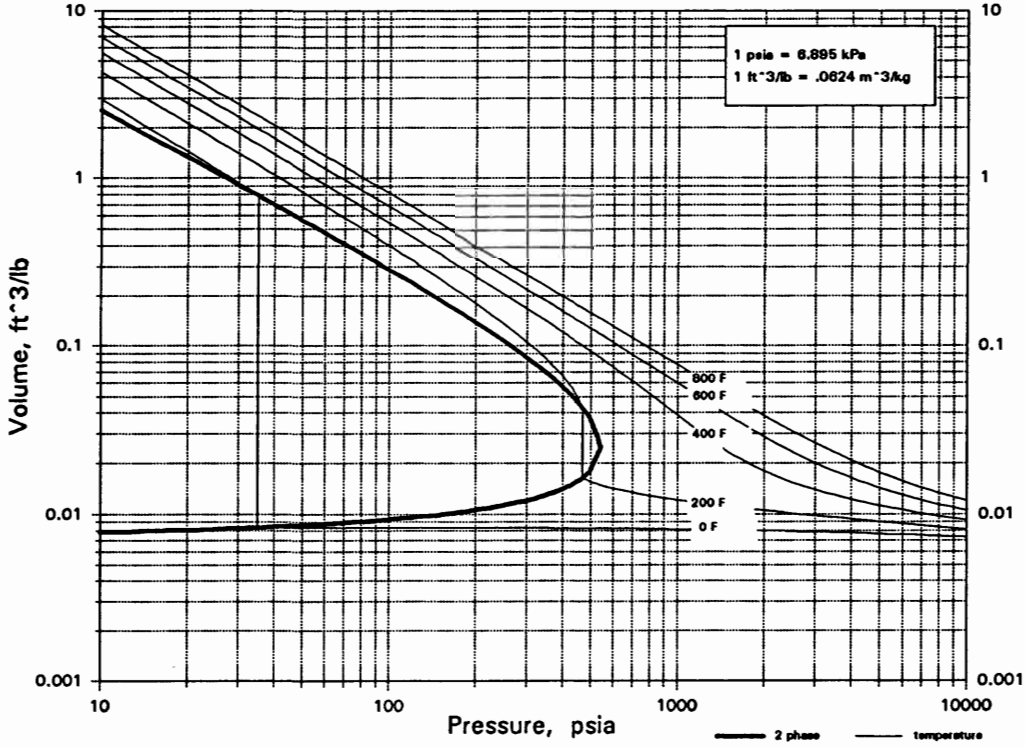
**SeOCl<sub>2</sub>      SELENIUM OXYCHLORIDE**



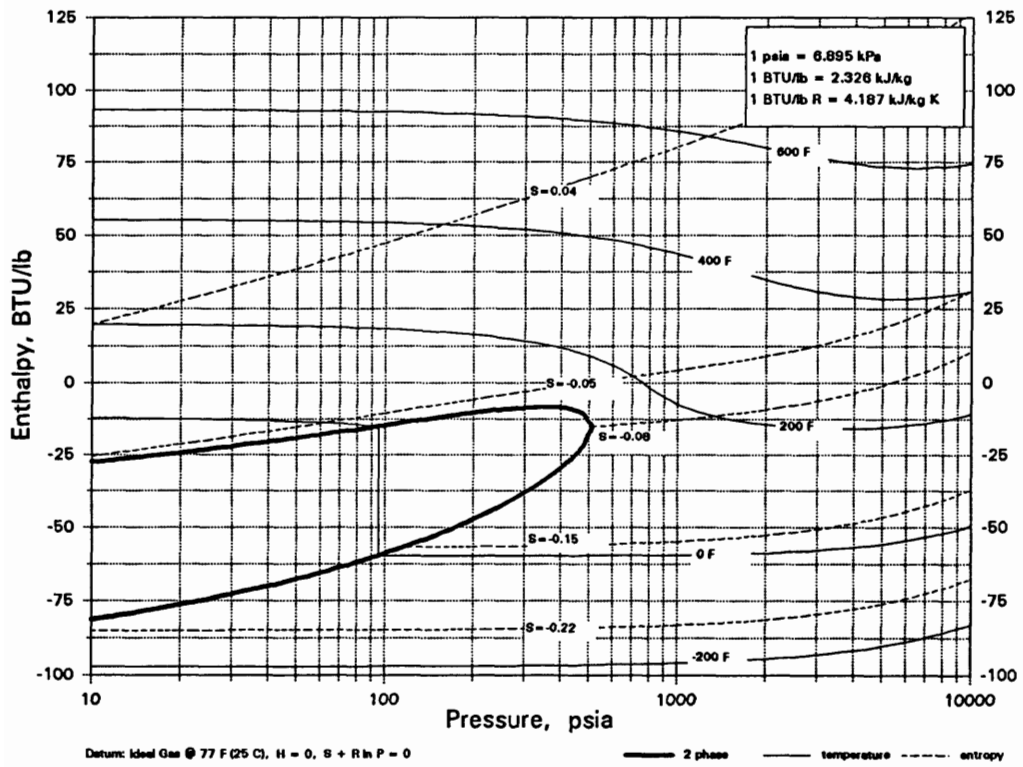
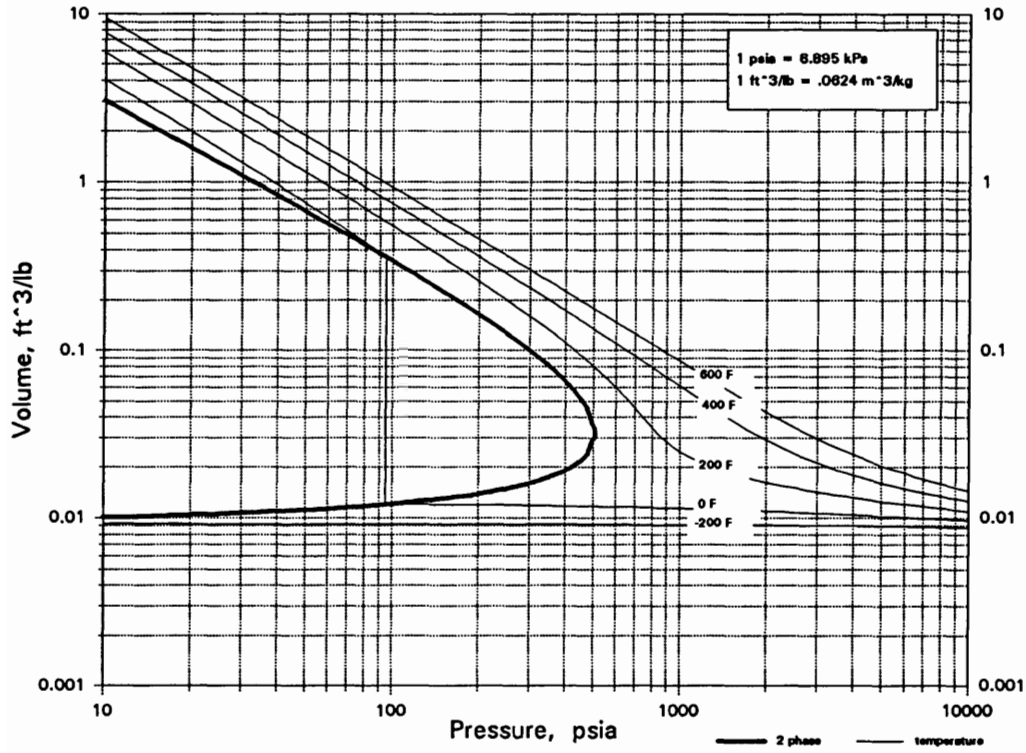
Si SILICON



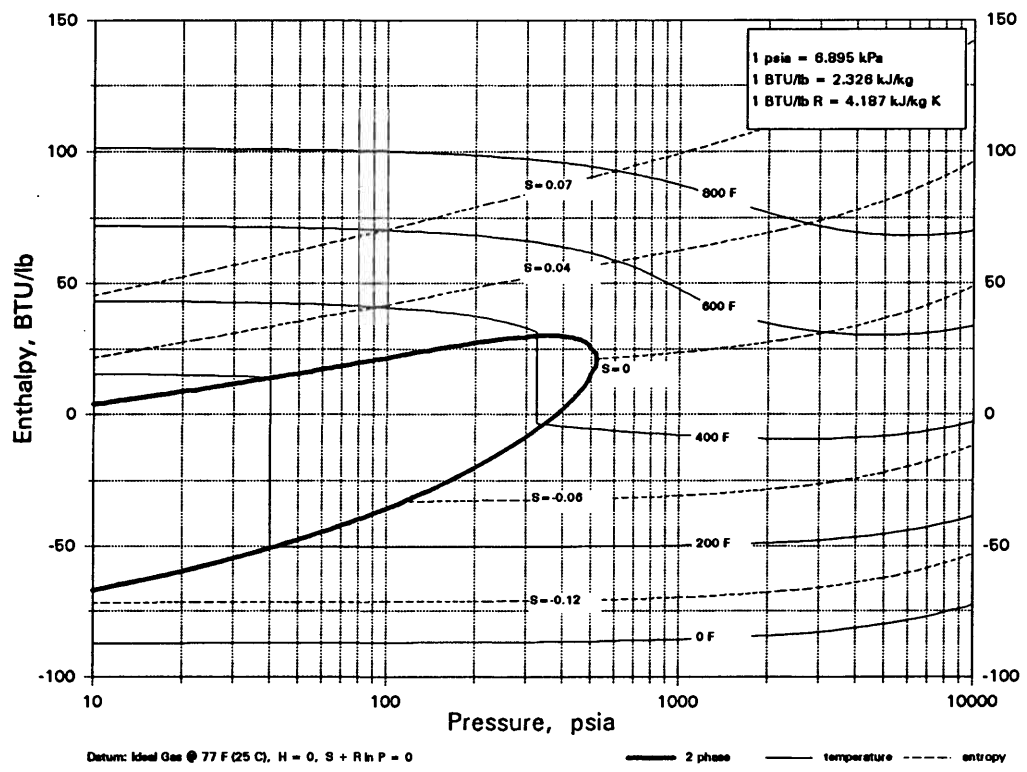
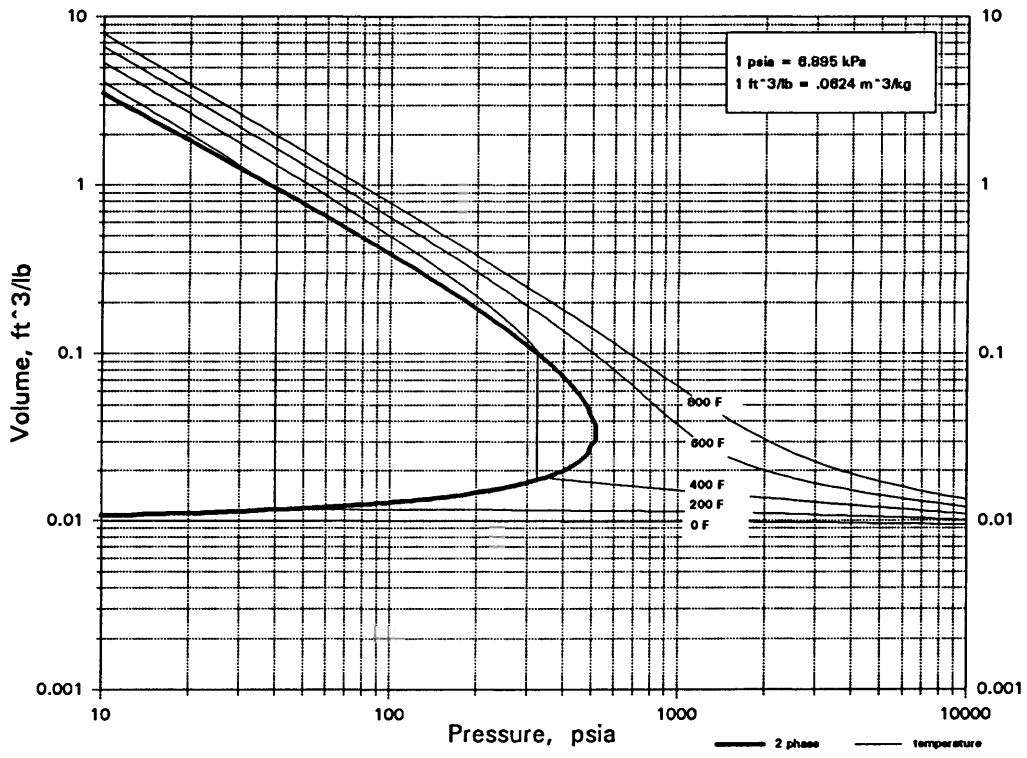
**SiBrF<sub>3</sub>      TRIFLUOROBROMOSILANE**



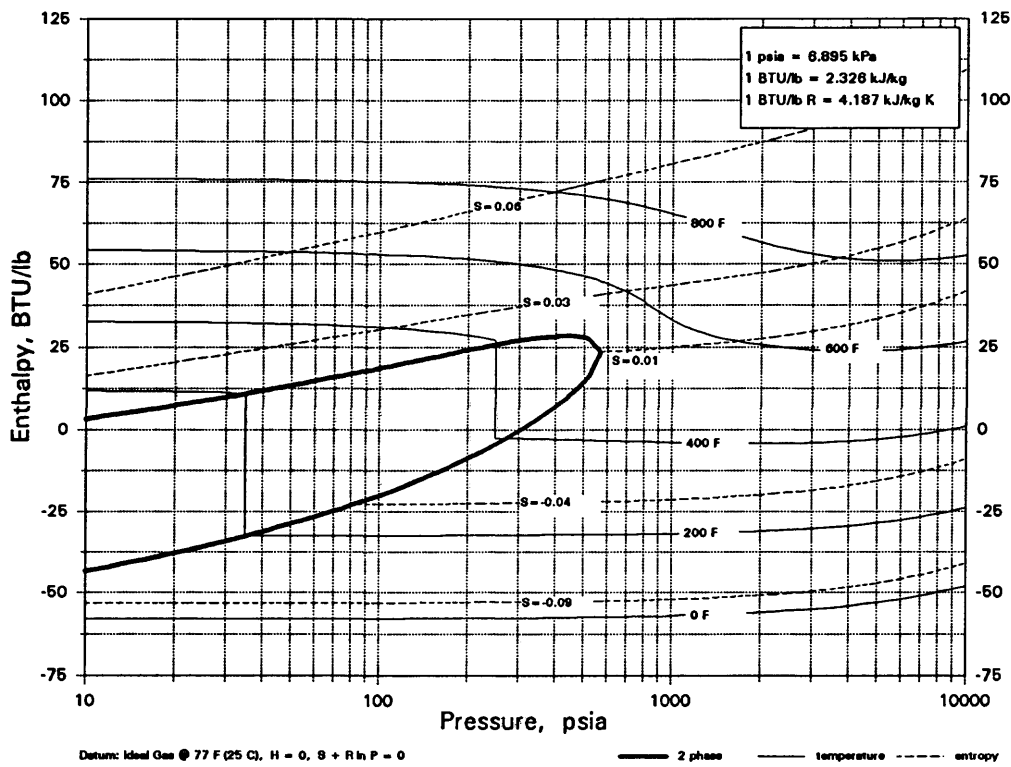
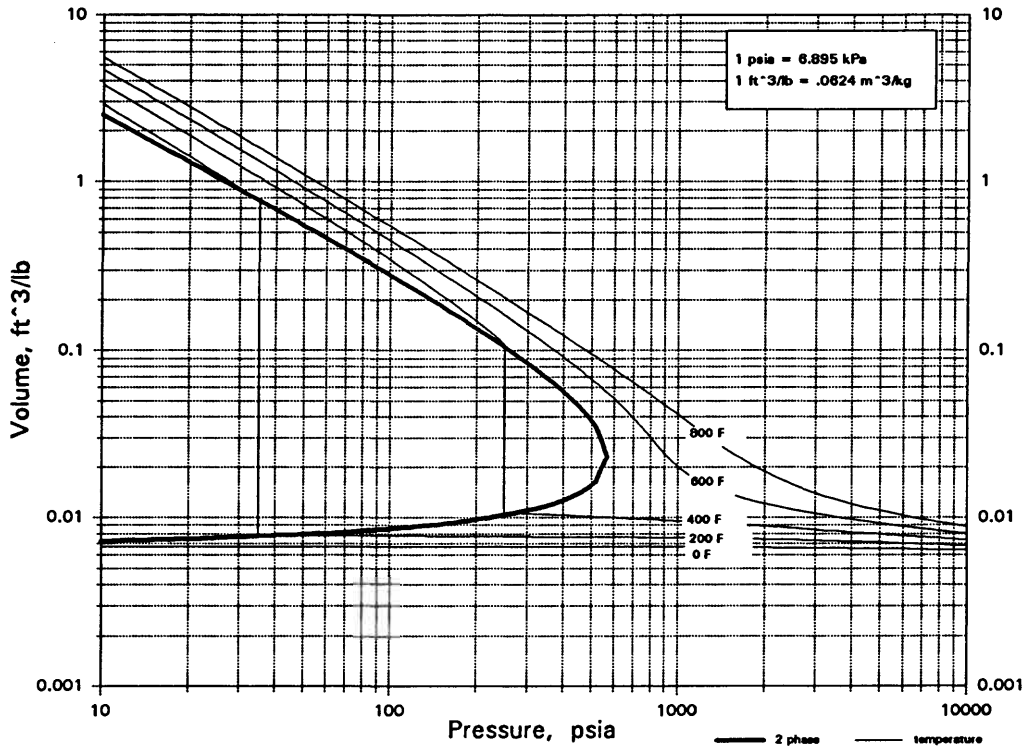
**SiClF<sub>3</sub> TRIFLUOROCHLOROSILANE**



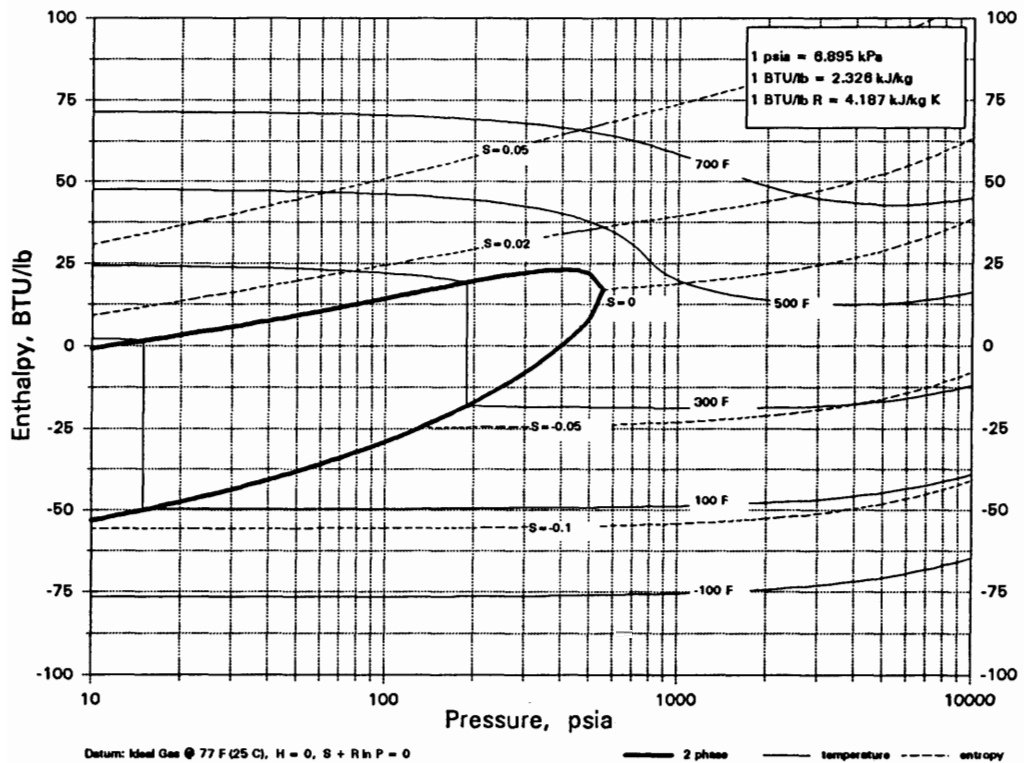
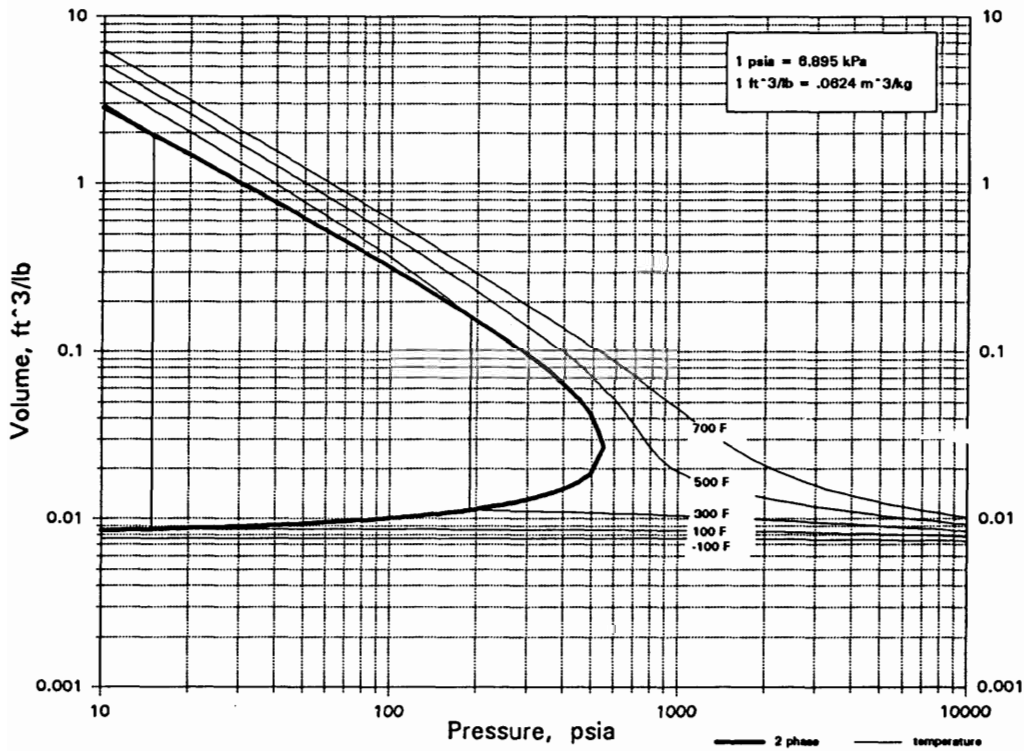
**SiCl<sub>4</sub>      SILICON TETRACHLORIDE**



**SiBr2ClF      DIBROMOCHLOROFLUOROSILANE**

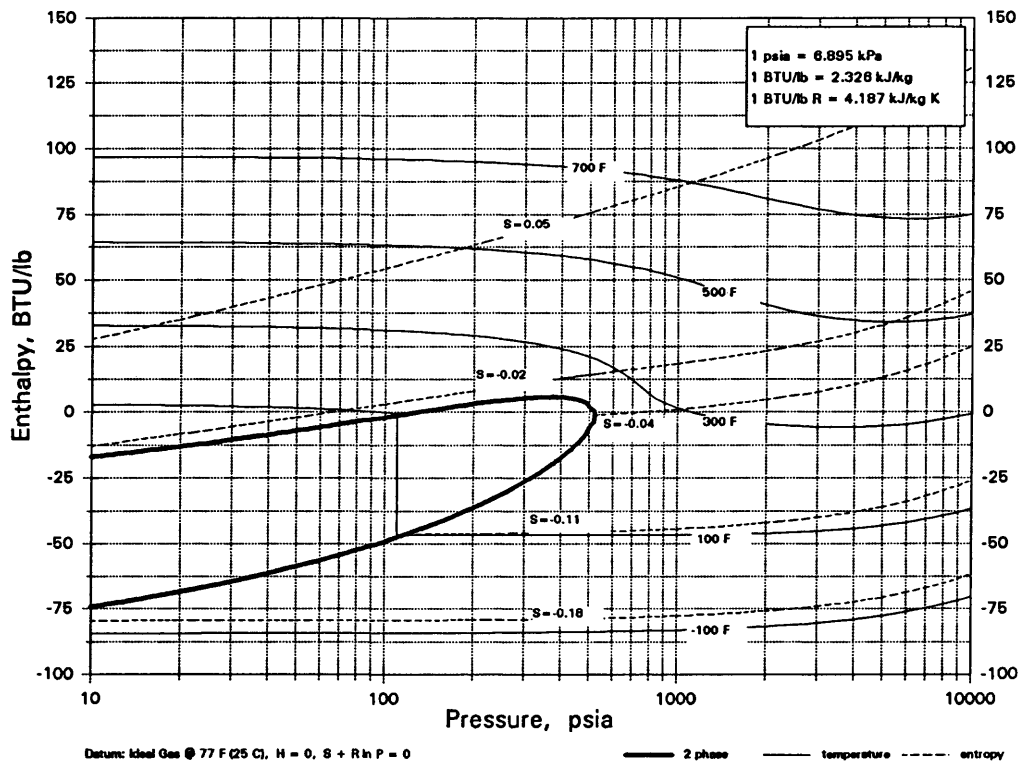
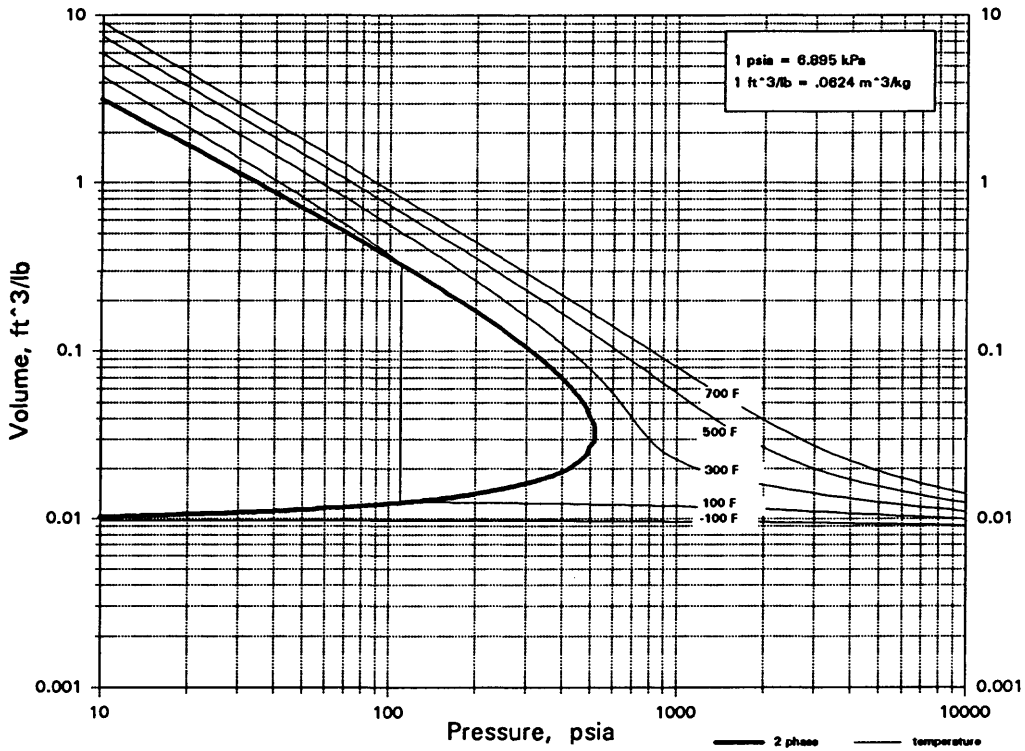


**SiBrCl<sub>2</sub>F      BROMODICHLOROFLUOROSILANE**

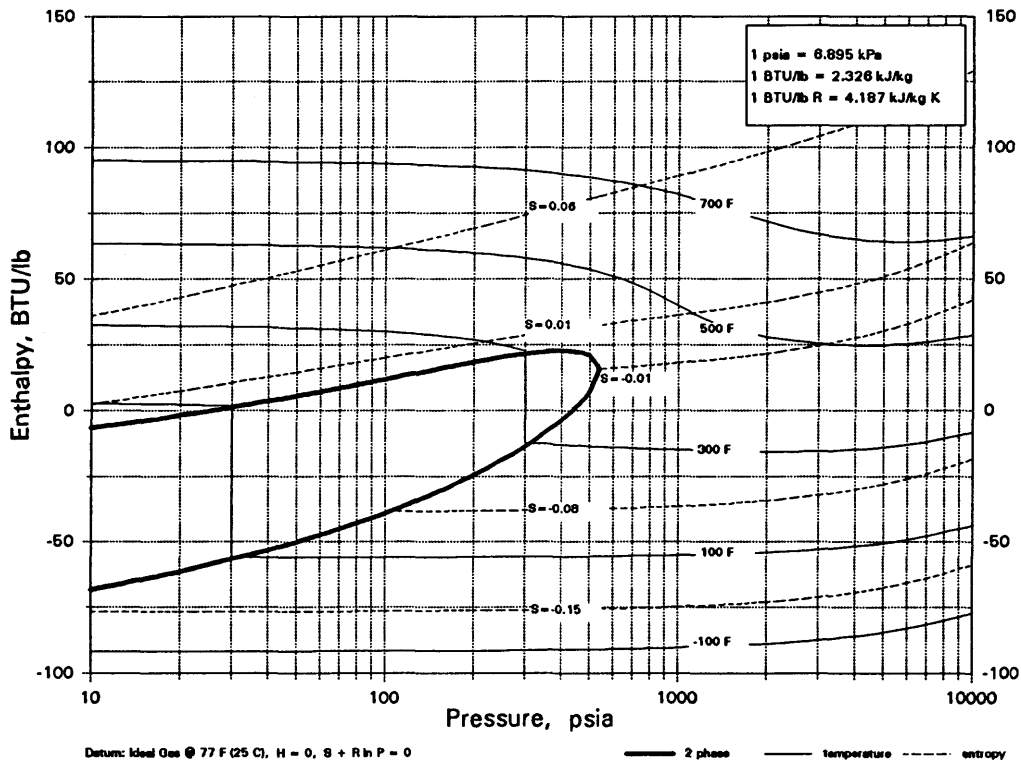
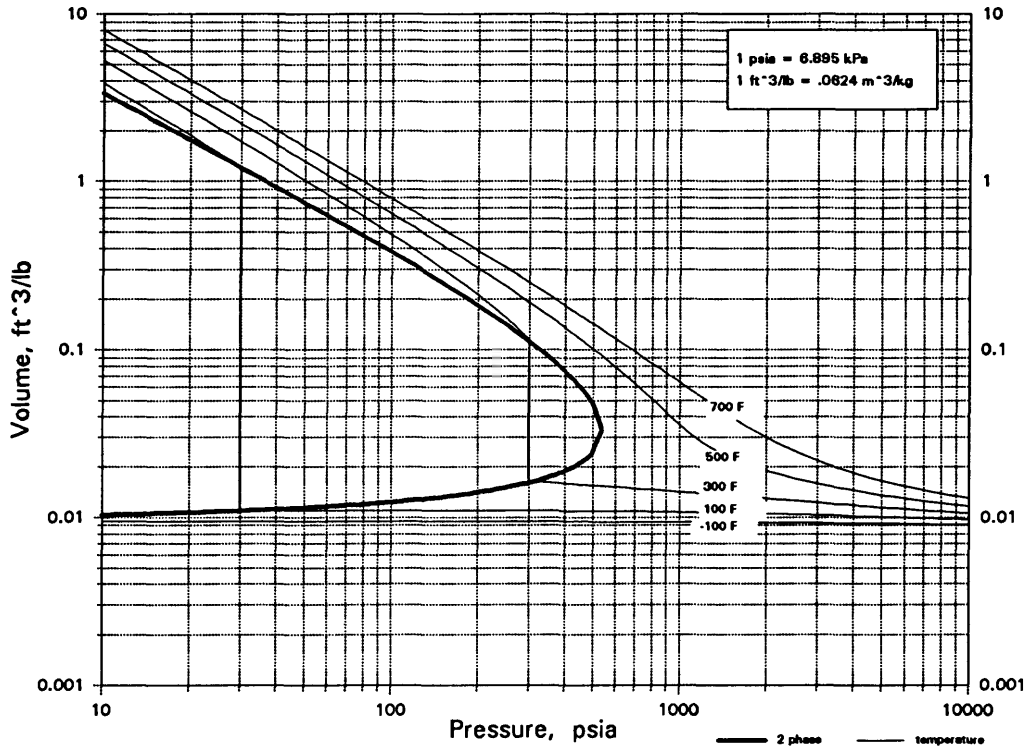




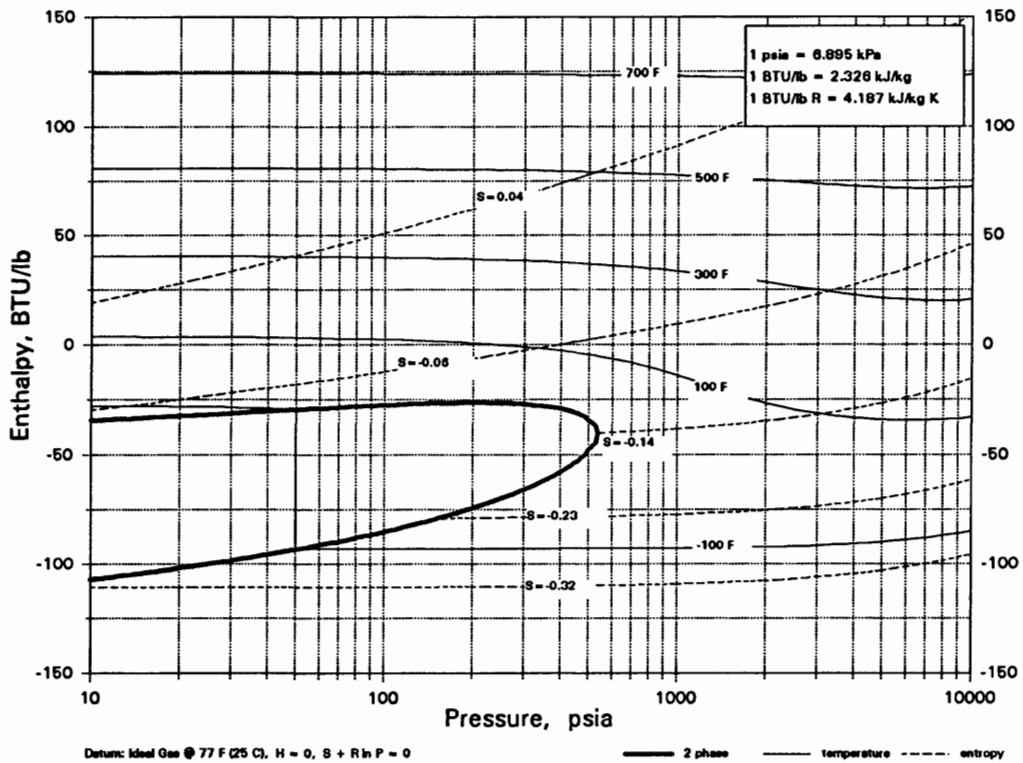
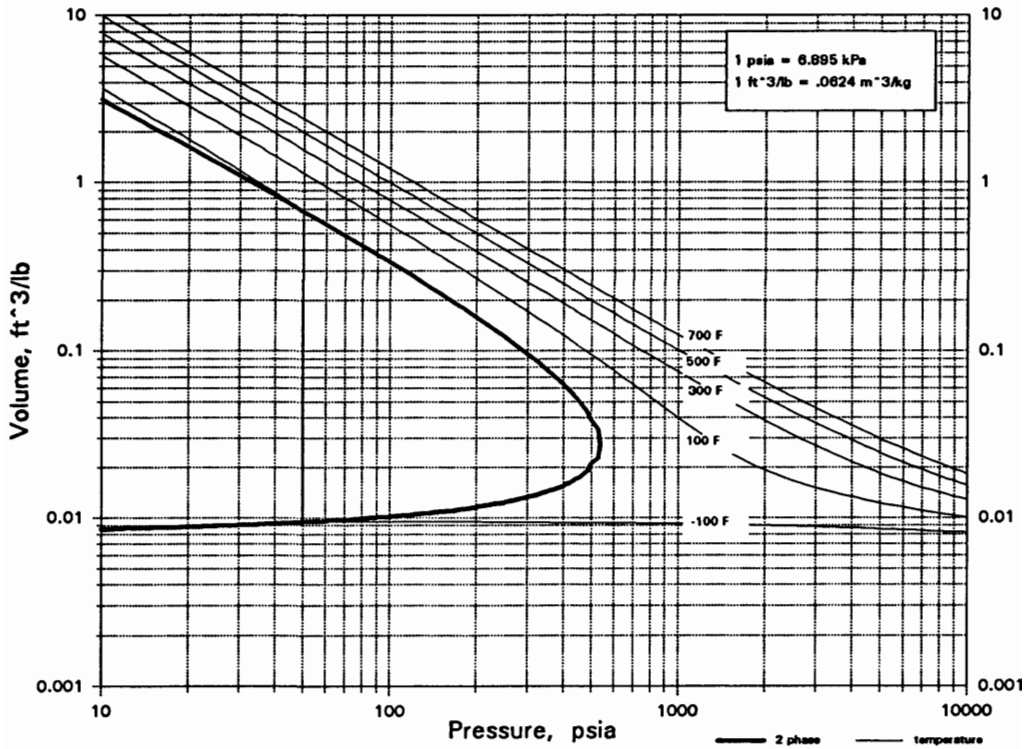
**SiCl<sub>2</sub>F<sub>2</sub>      DICHLORODIFLUOROSILANE**



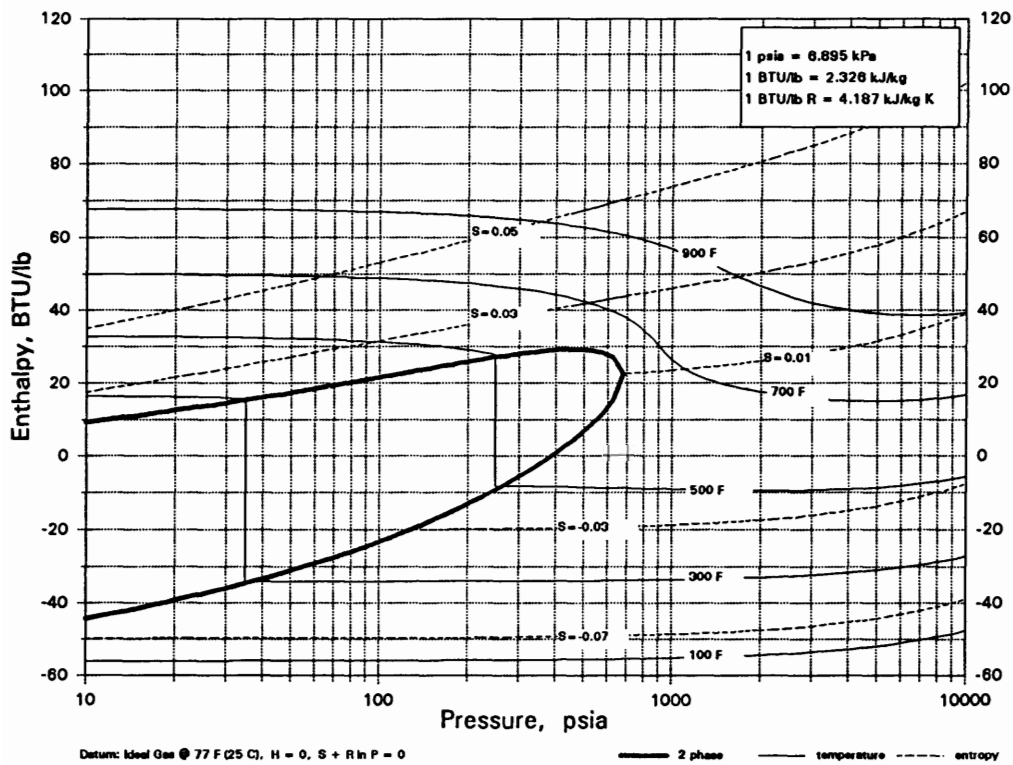
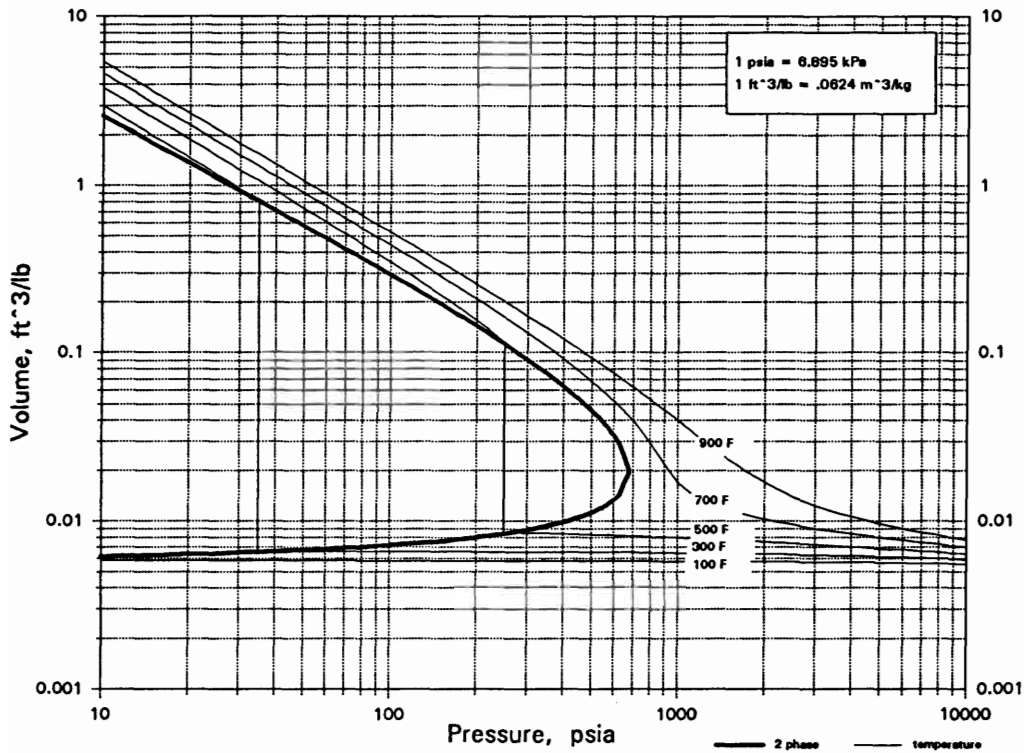
**SICI3F      TRICHLOROFLUOROSILANE**



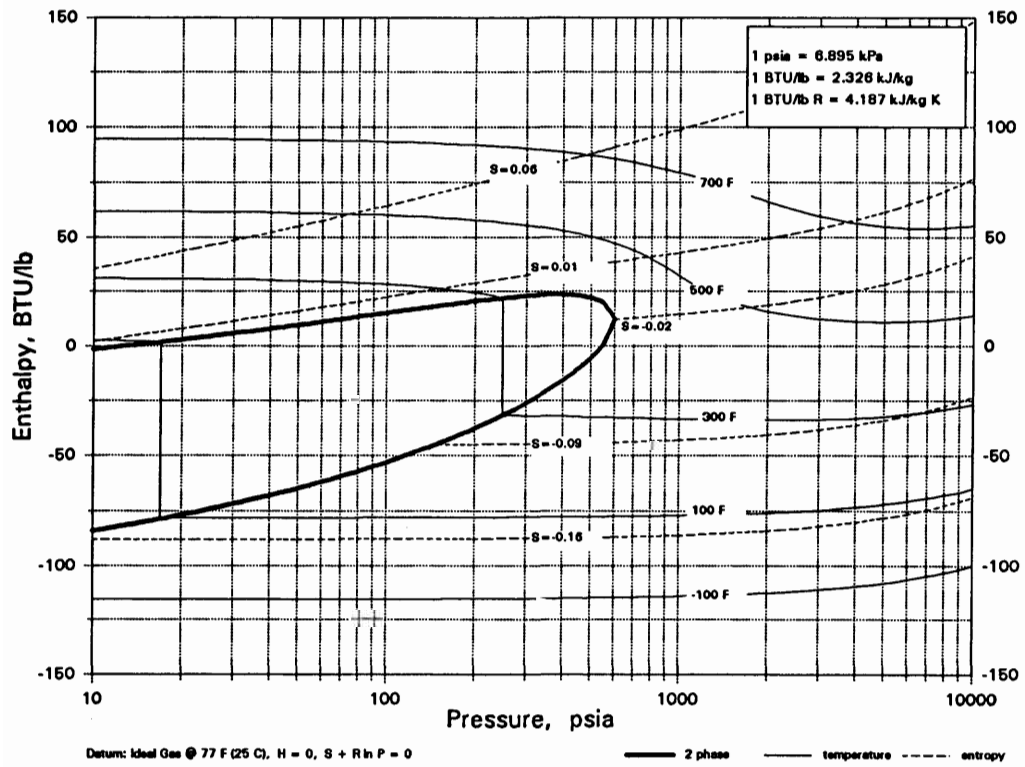
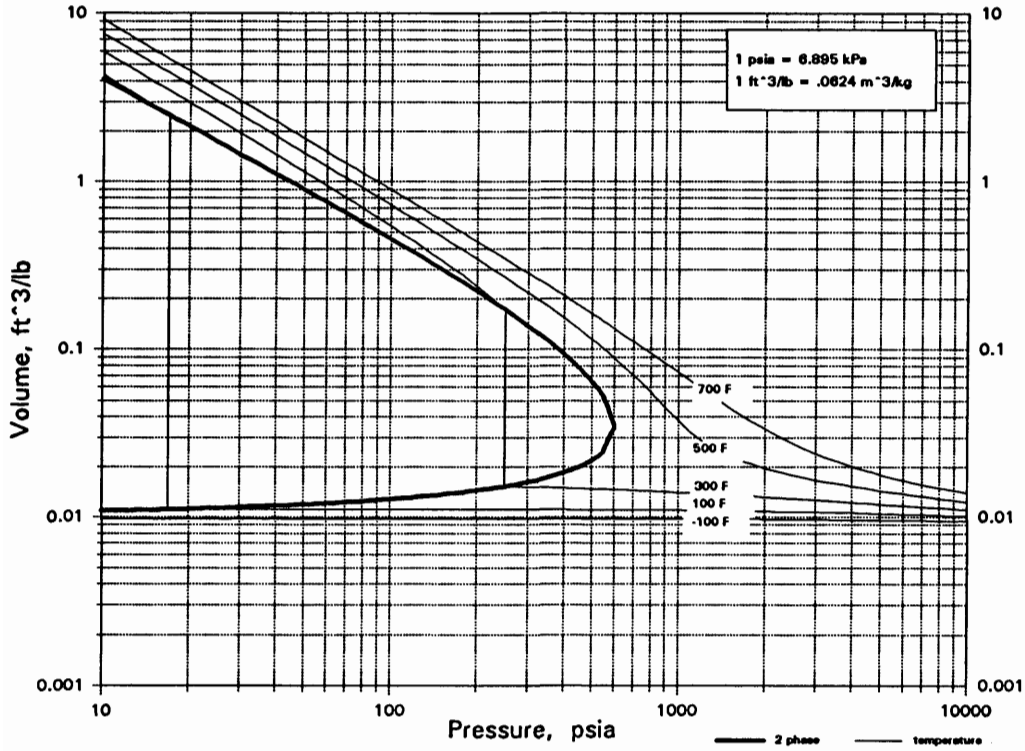
**SiF<sub>4</sub>                      SILICON TETRAFLUORIDE**



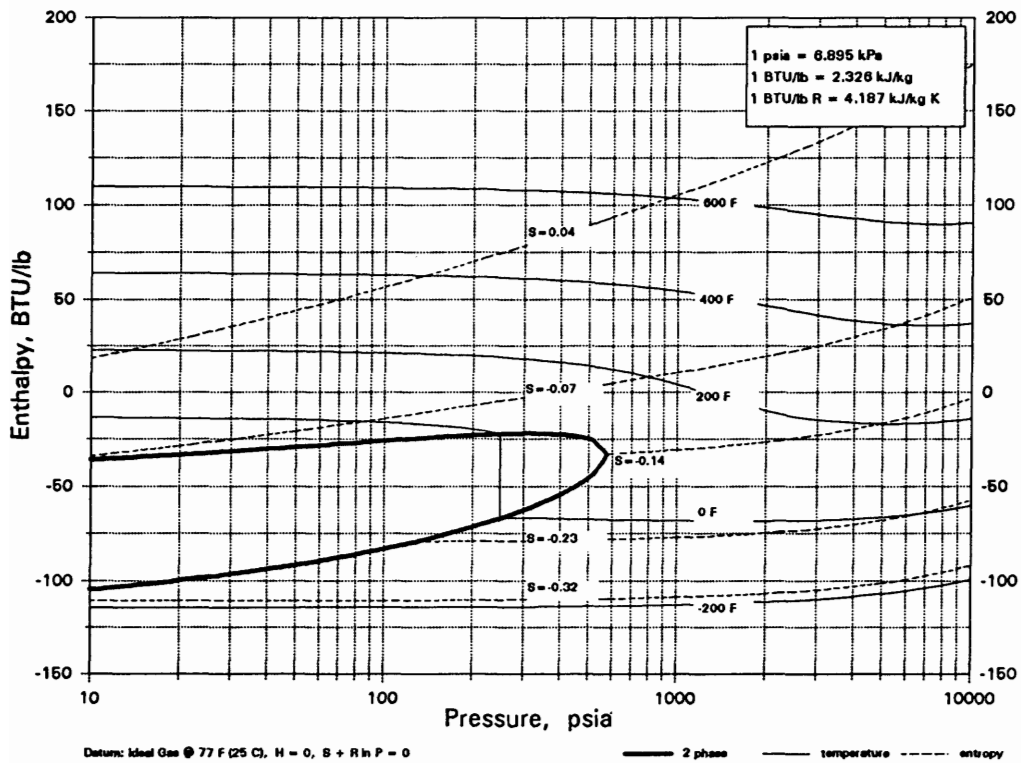
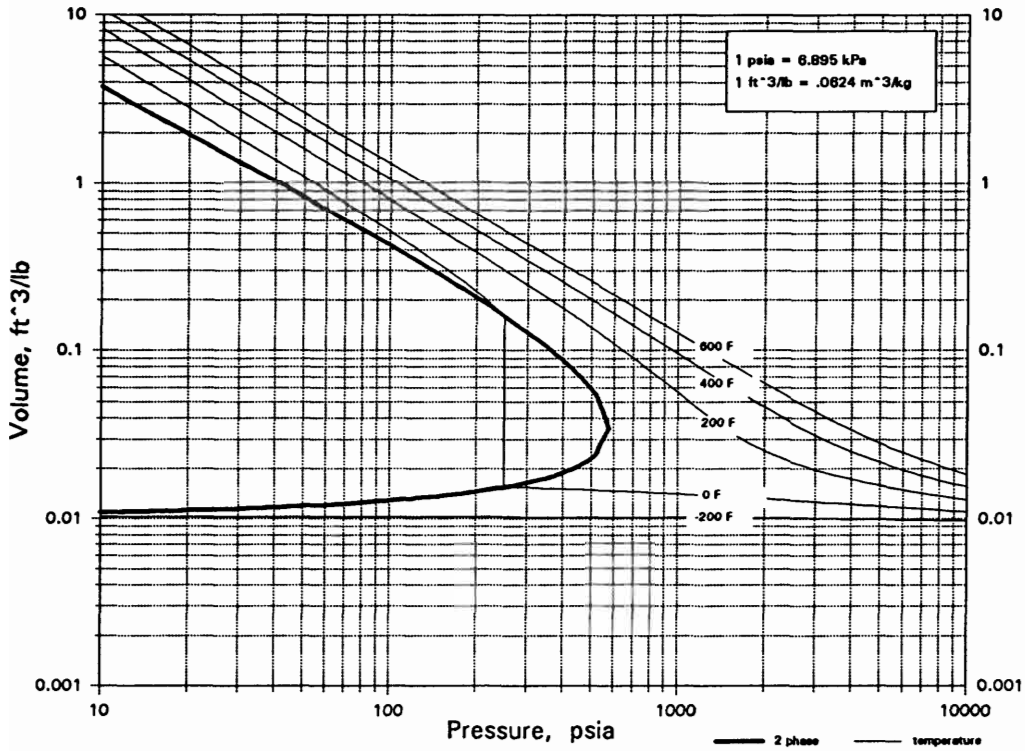
**SiHBr<sub>3</sub>      TRIBROMOSILANE**



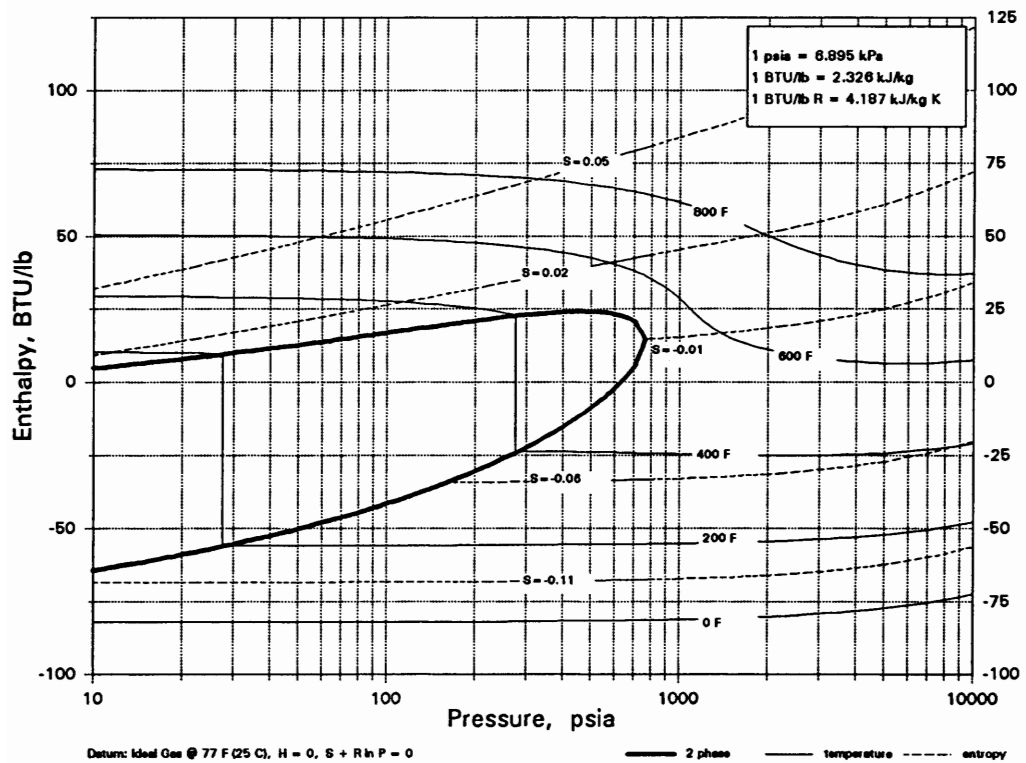
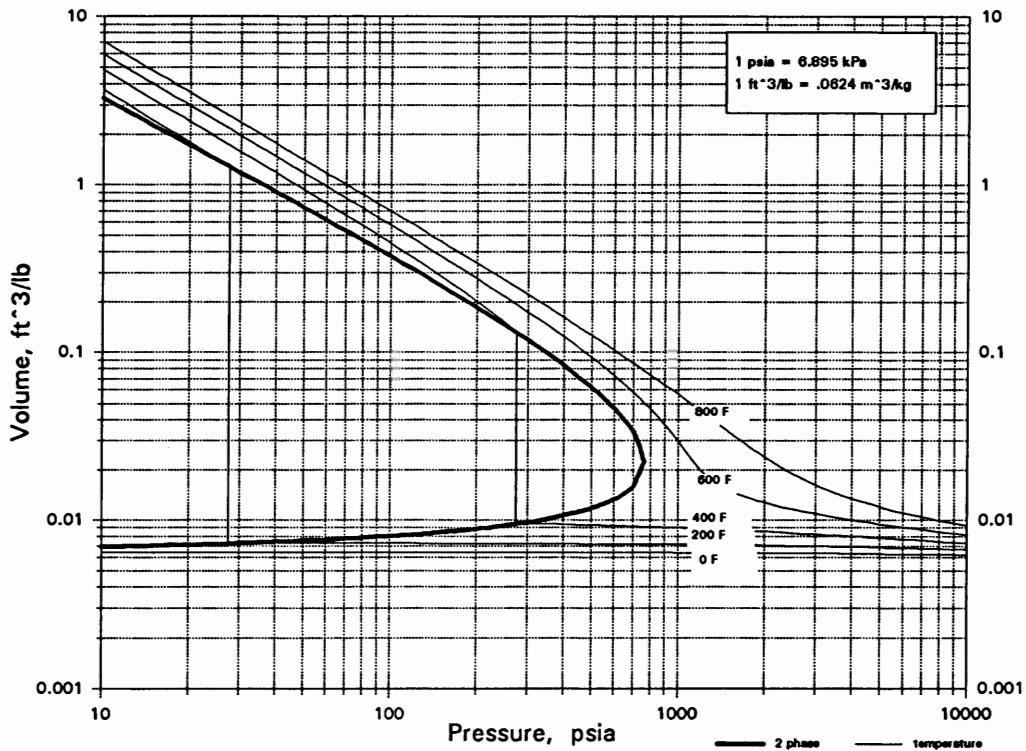
**SIHCl3      TRICHLOROSILANE**



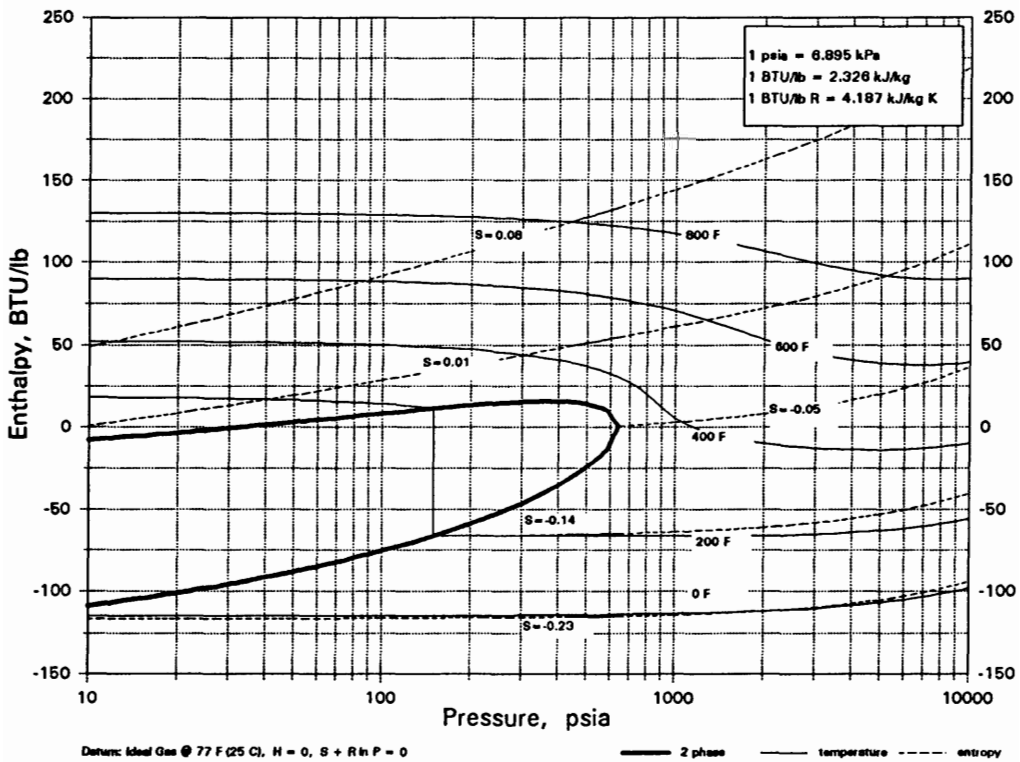
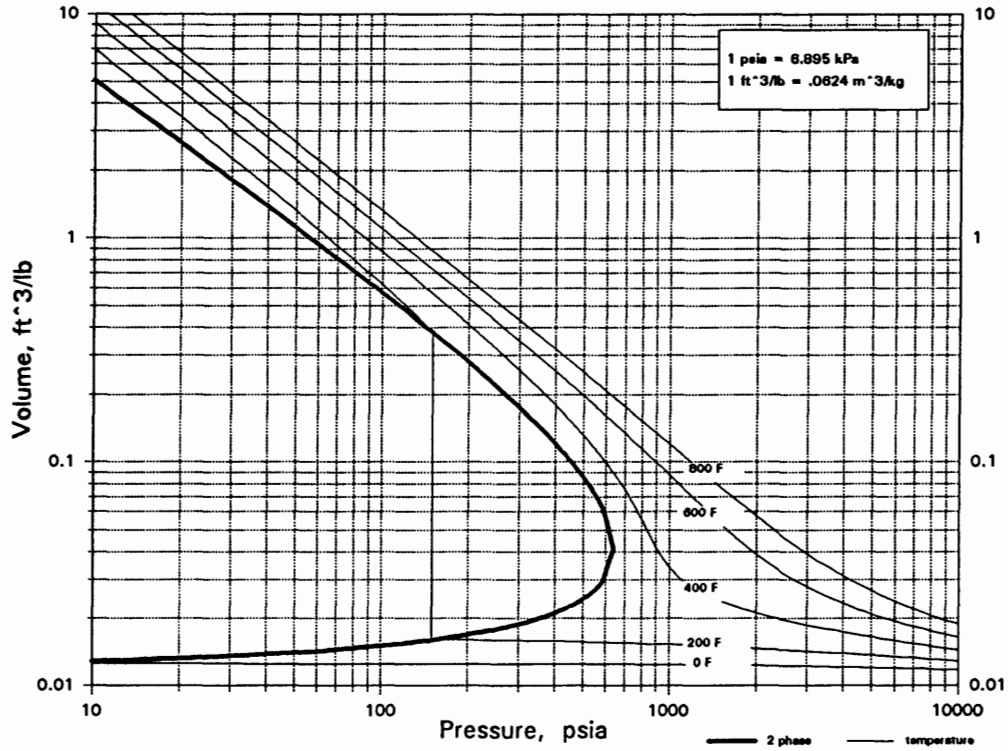
**SiHF3      TRIFLUOROSILANE**



**SiH<sub>2</sub>Br<sub>2</sub>      DIBROMOSILANE**

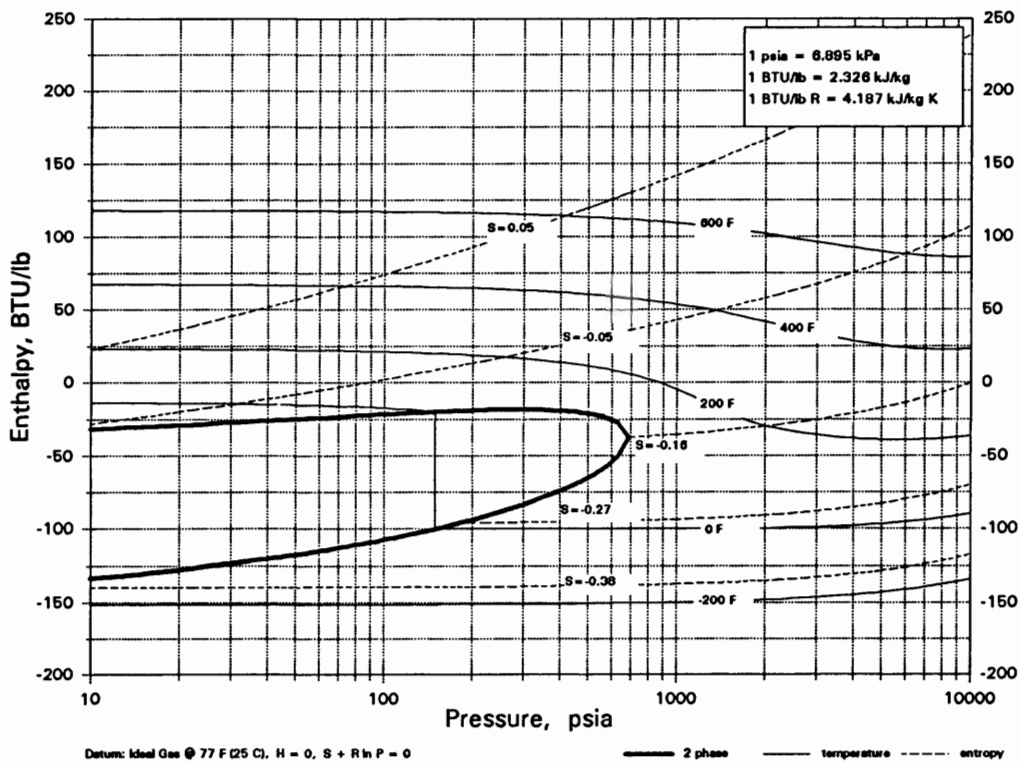
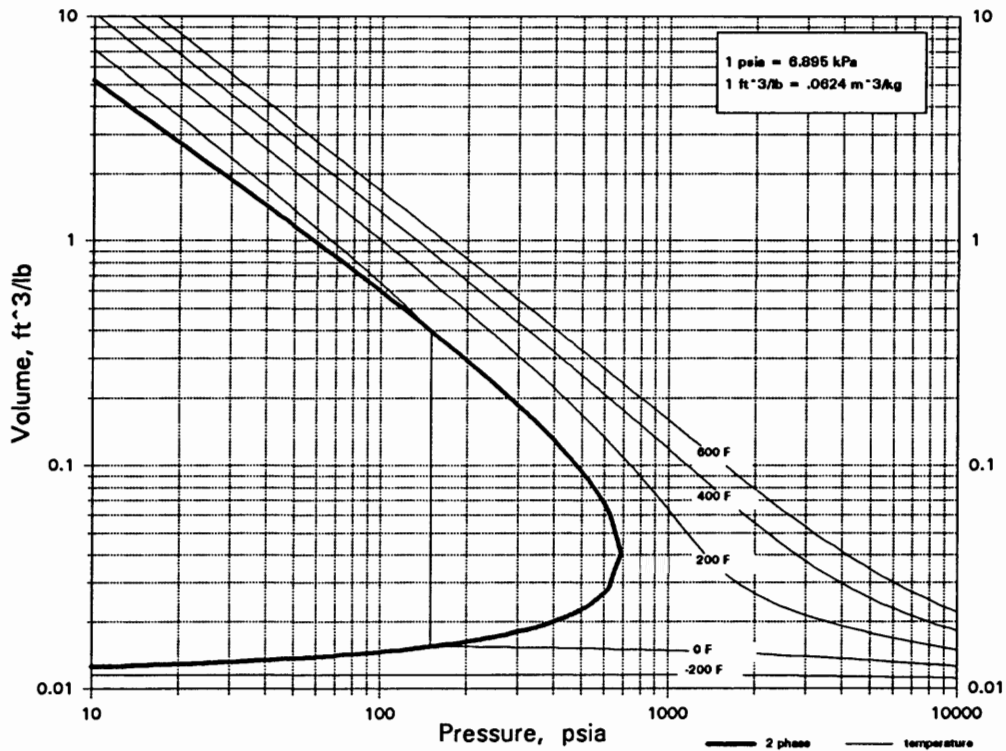


**SiH<sub>2</sub>Cl<sub>2</sub>      DICHLOROSILANE**

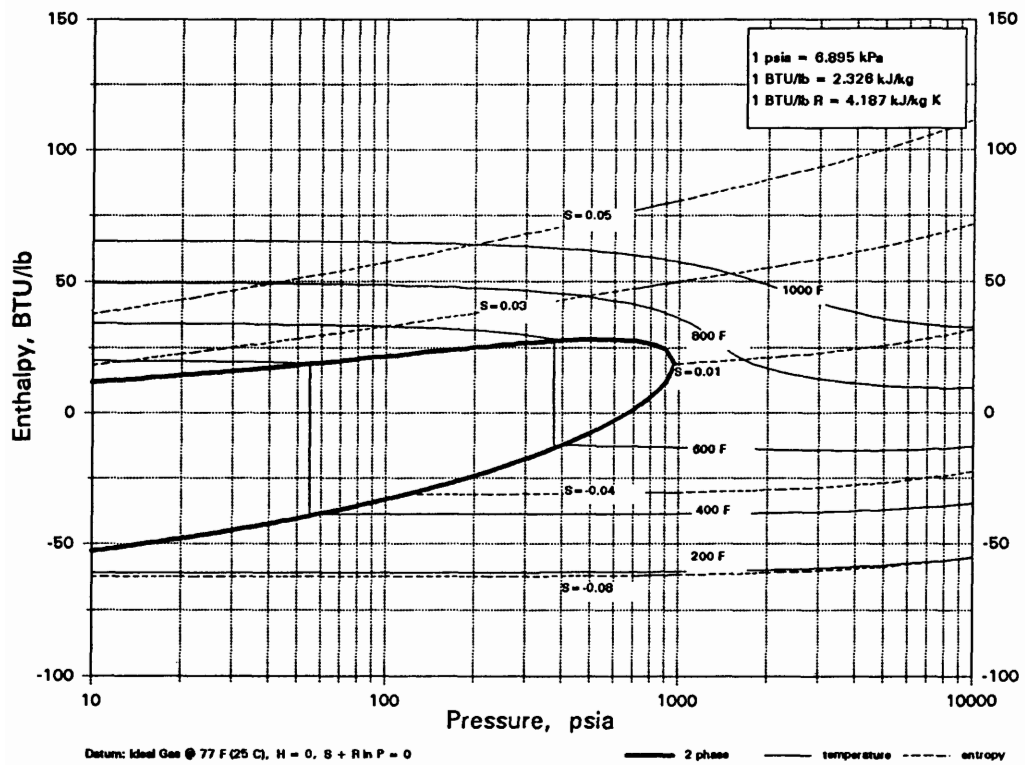
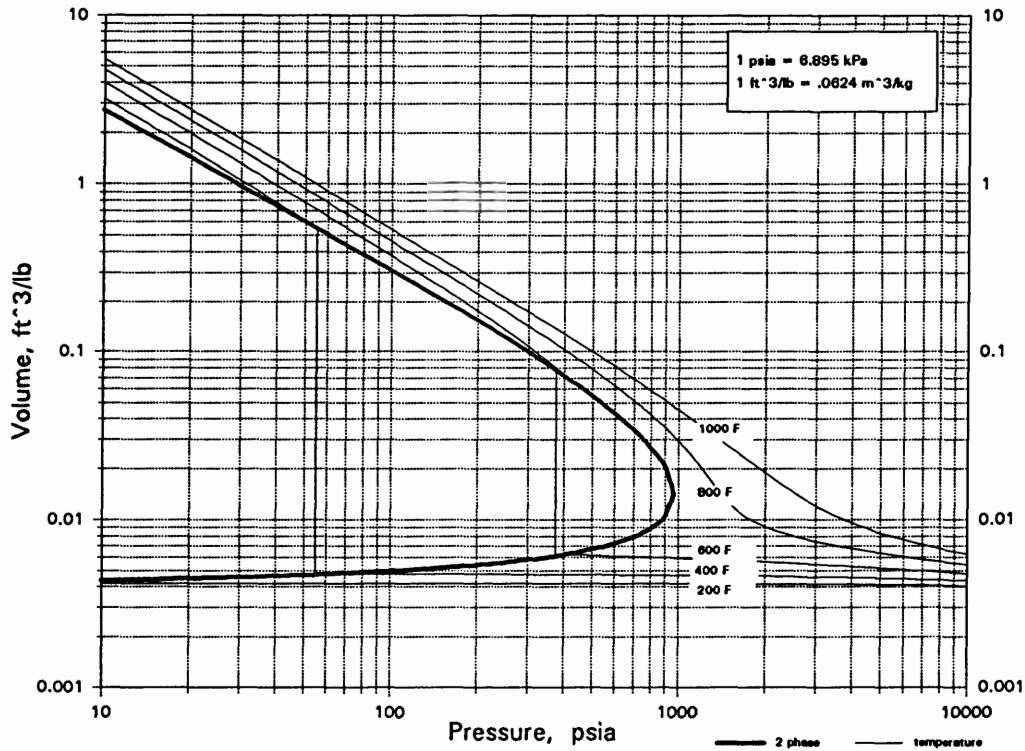




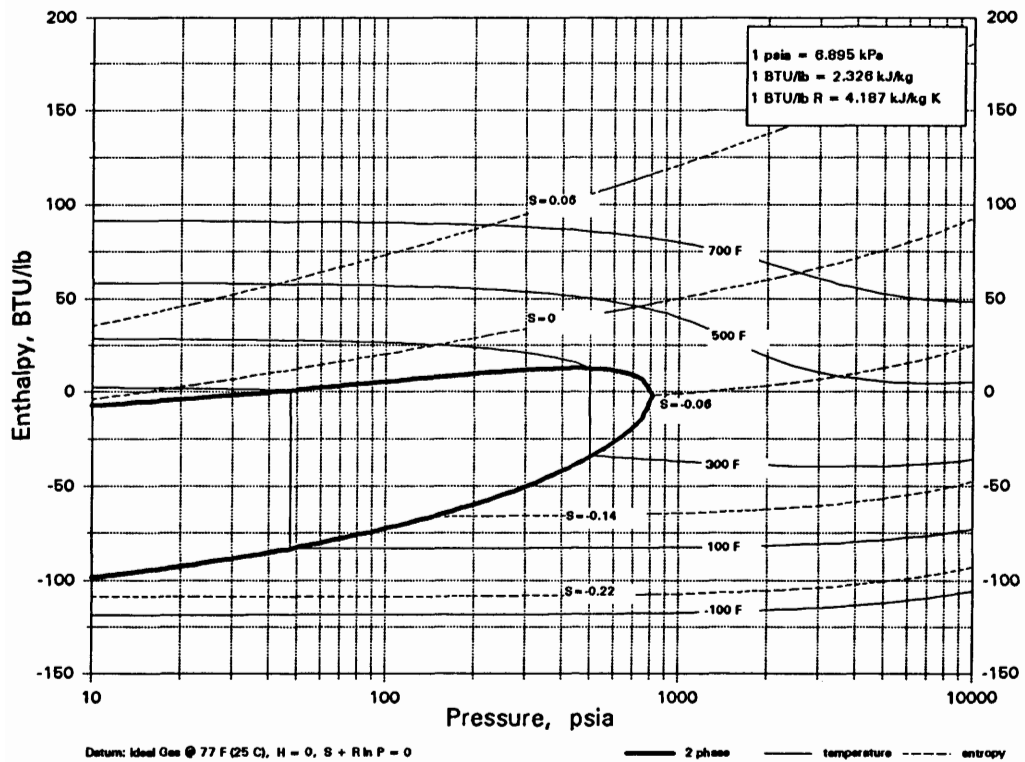
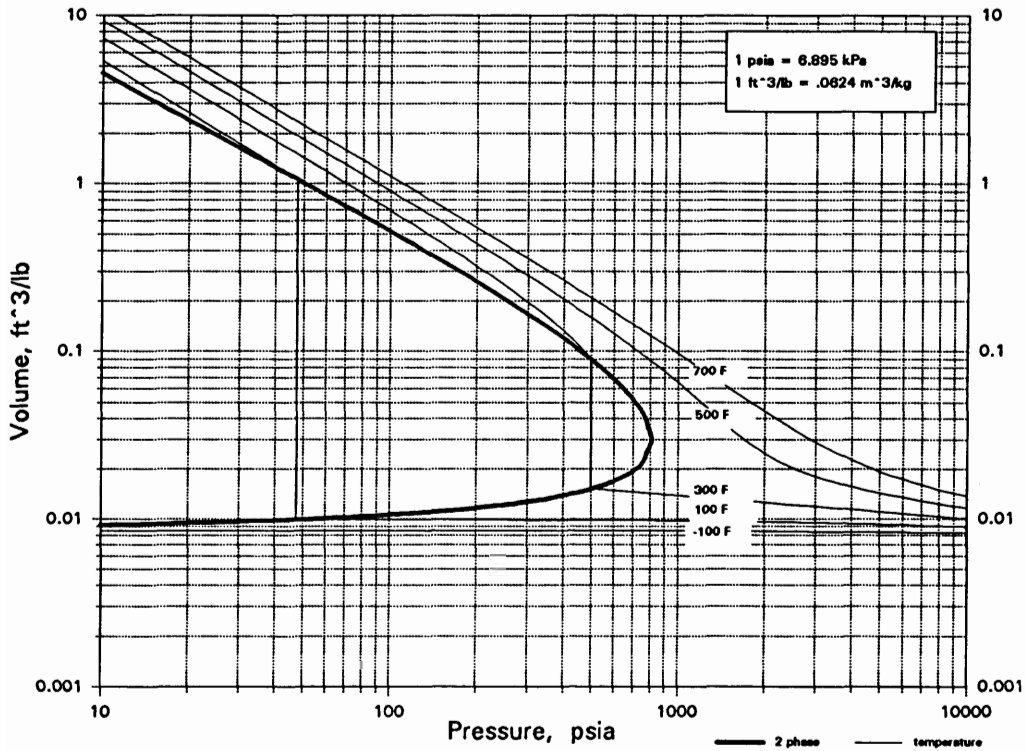
**SiH<sub>2</sub>F<sub>2</sub>      DIFLUOROSILANE**



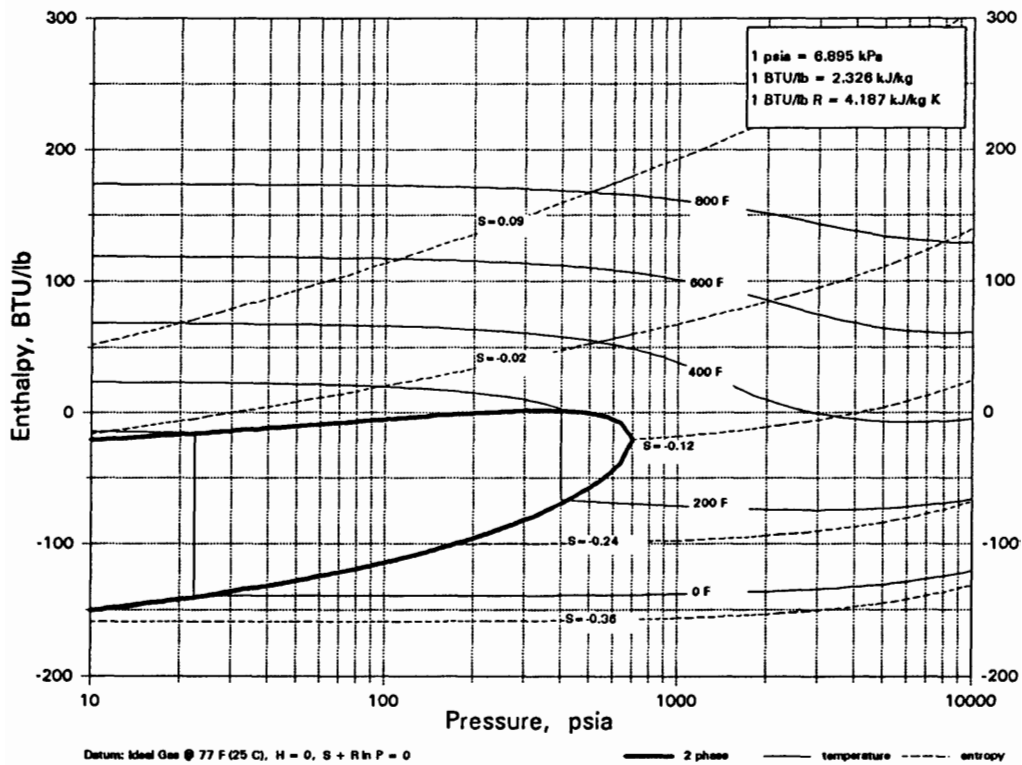
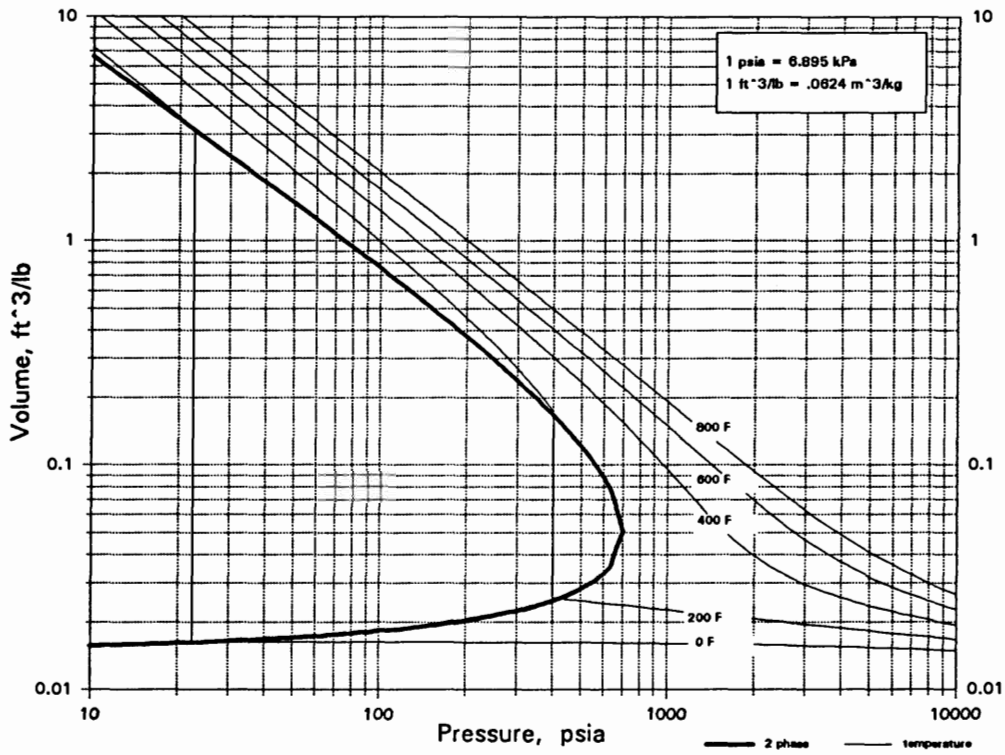
**SIH212      DIIDOSILANE**



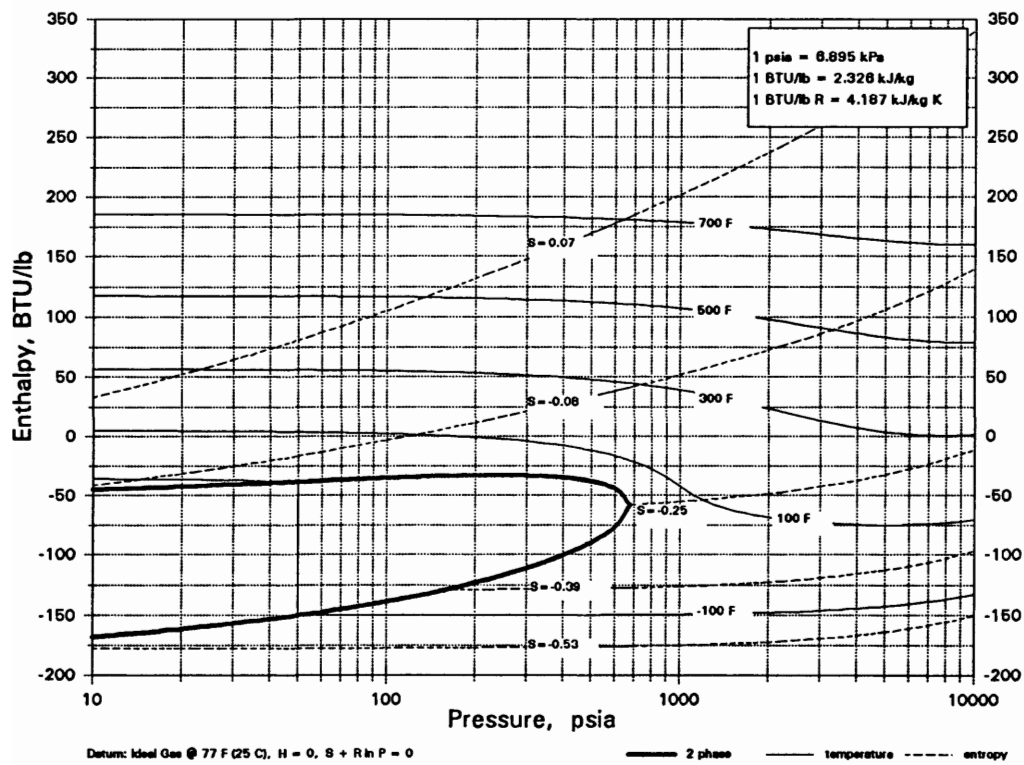
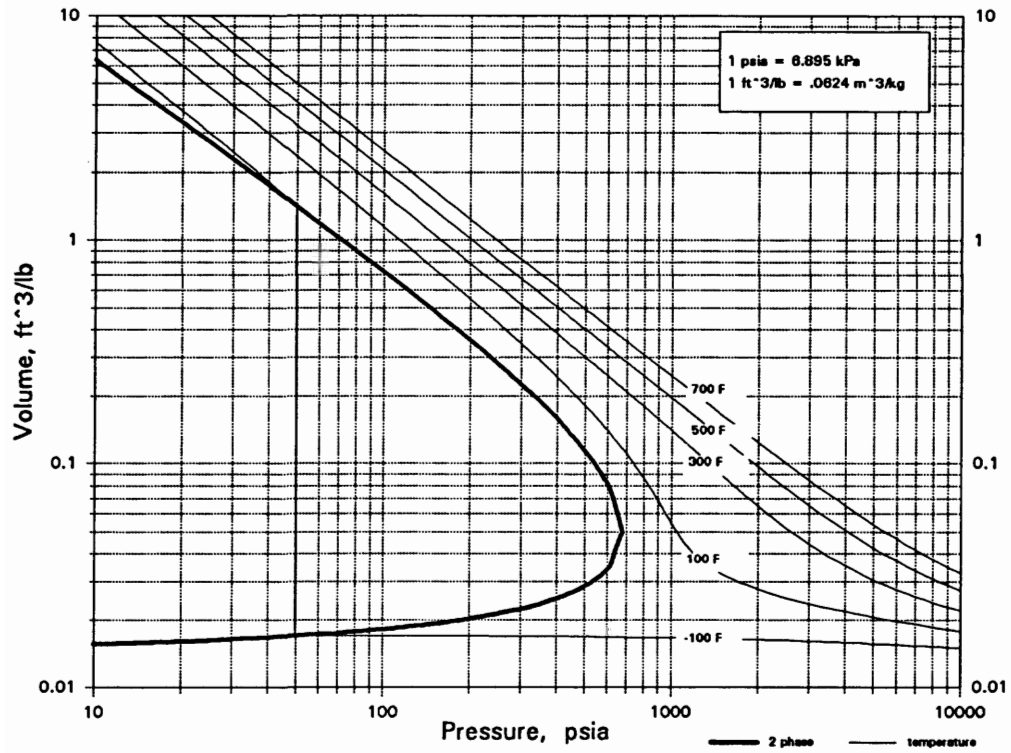
**SiH<sub>3</sub>Br      MONOBROMOSILANE**



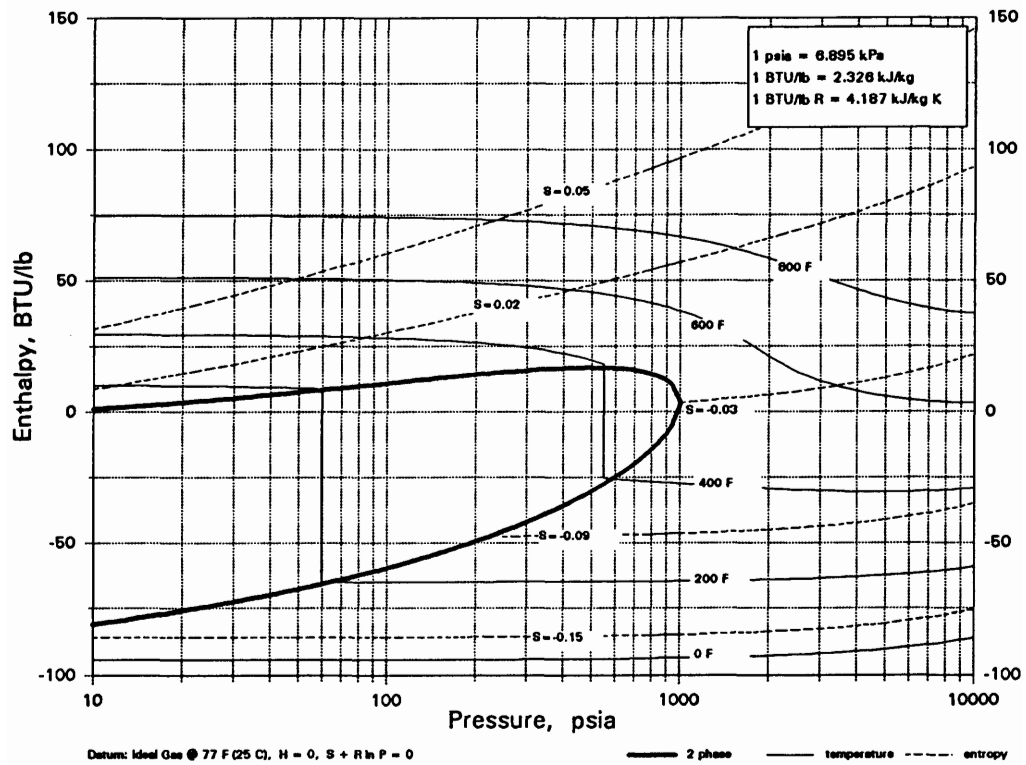
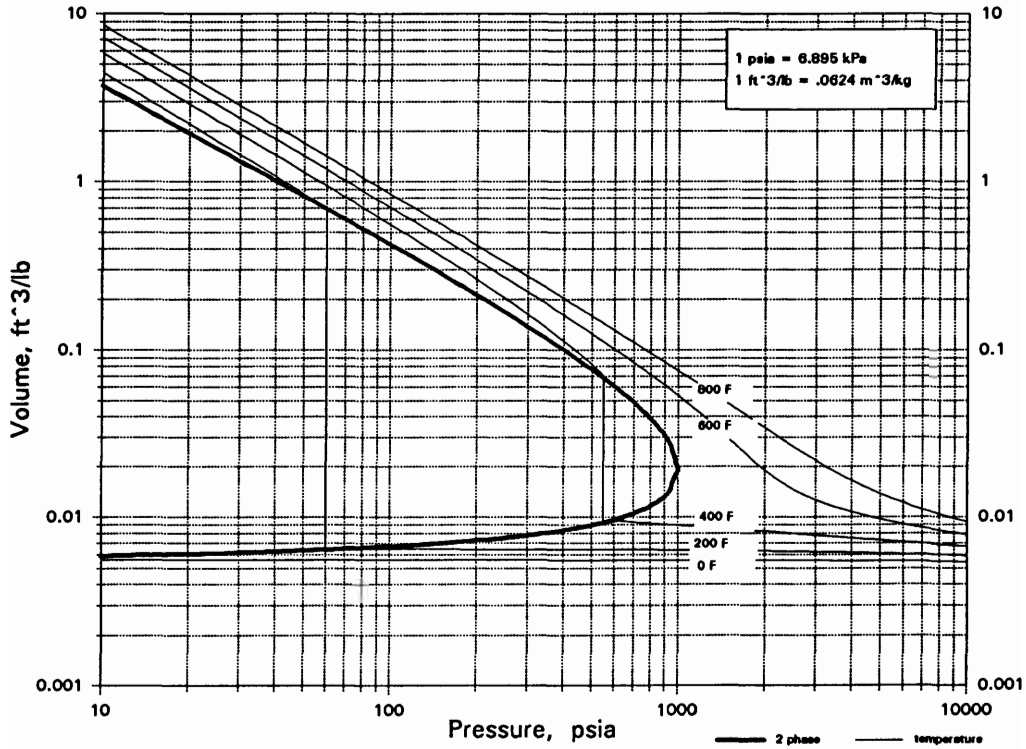
**SiH<sub>3</sub>Cl      MONOCHLOROSILANE**



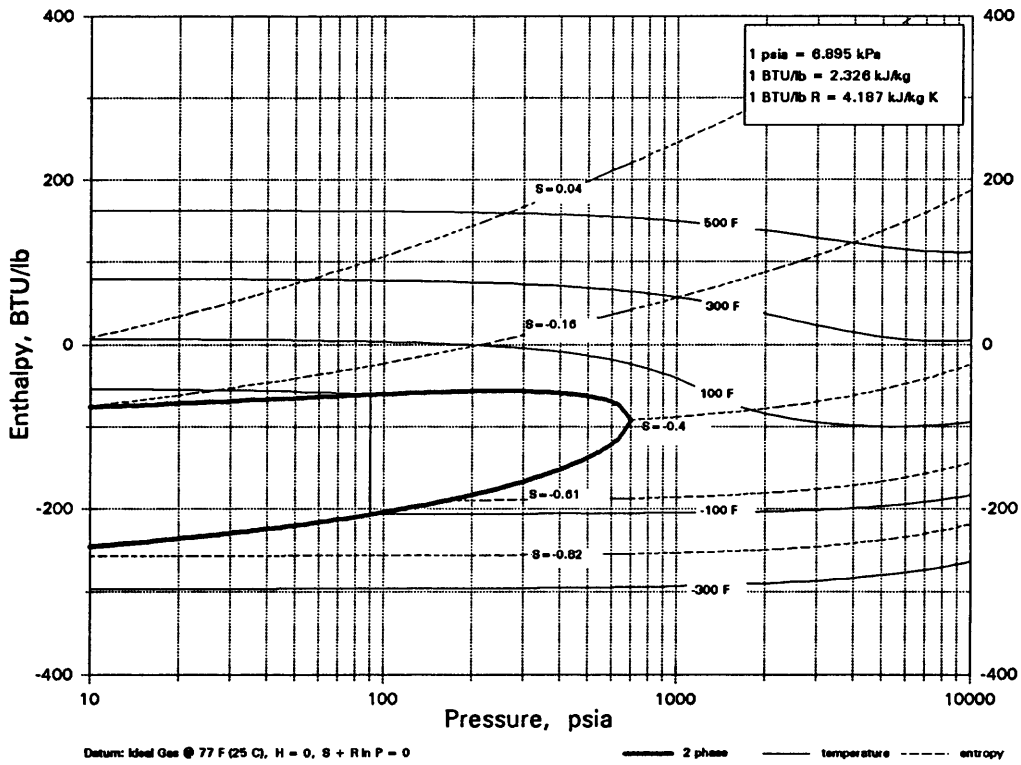
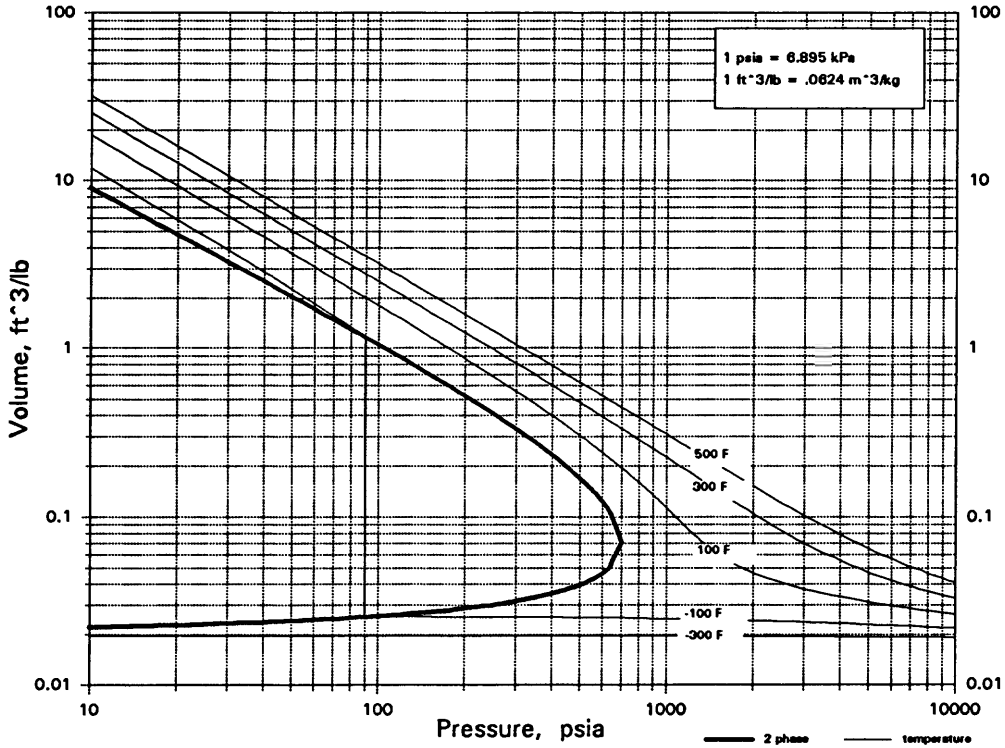
**SiH<sub>3</sub>F      MONOFLUOROSILANE**



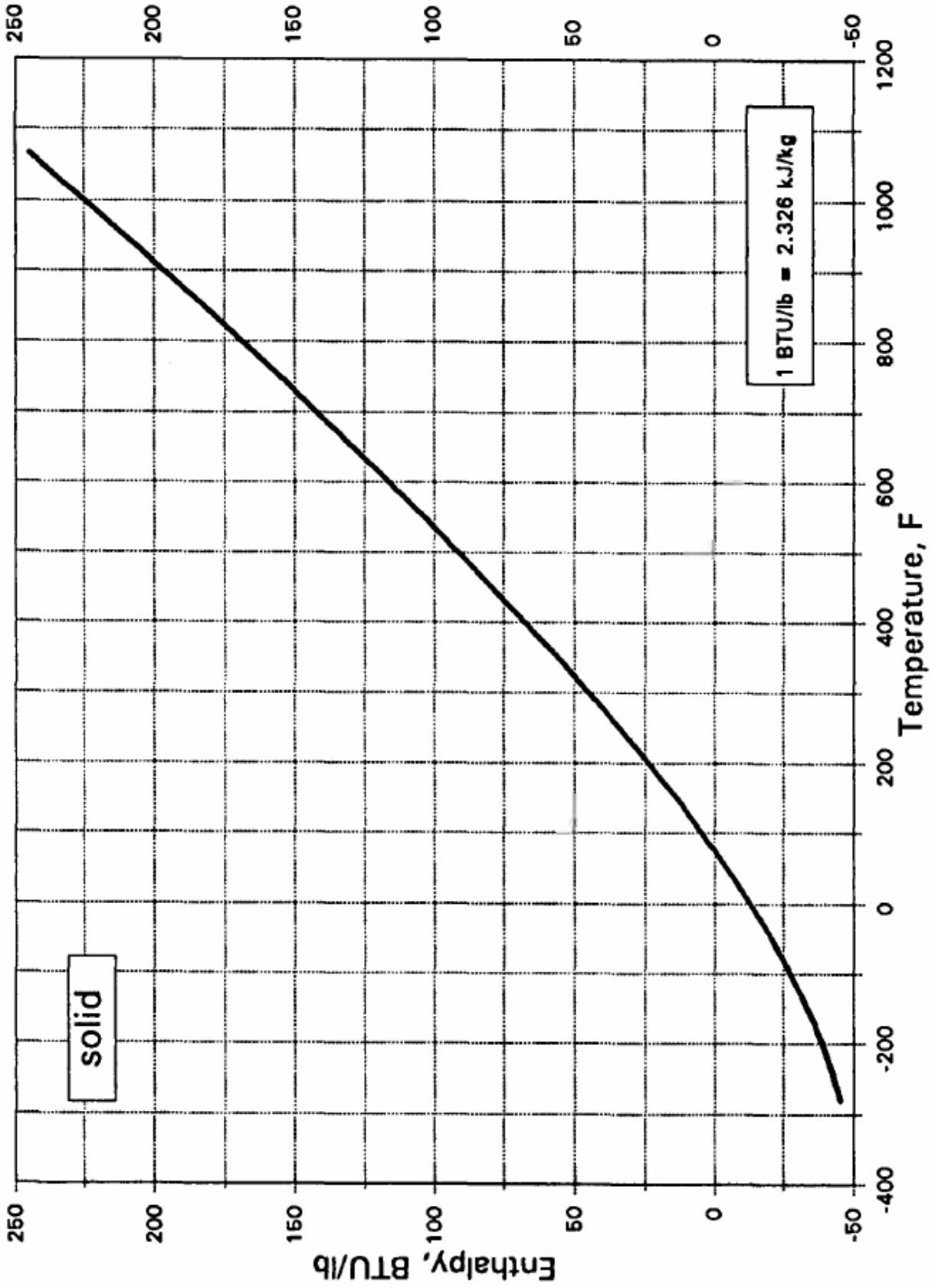
**SiH3I      IODOSILANE**



**SiH<sub>4</sub>      SILANE**

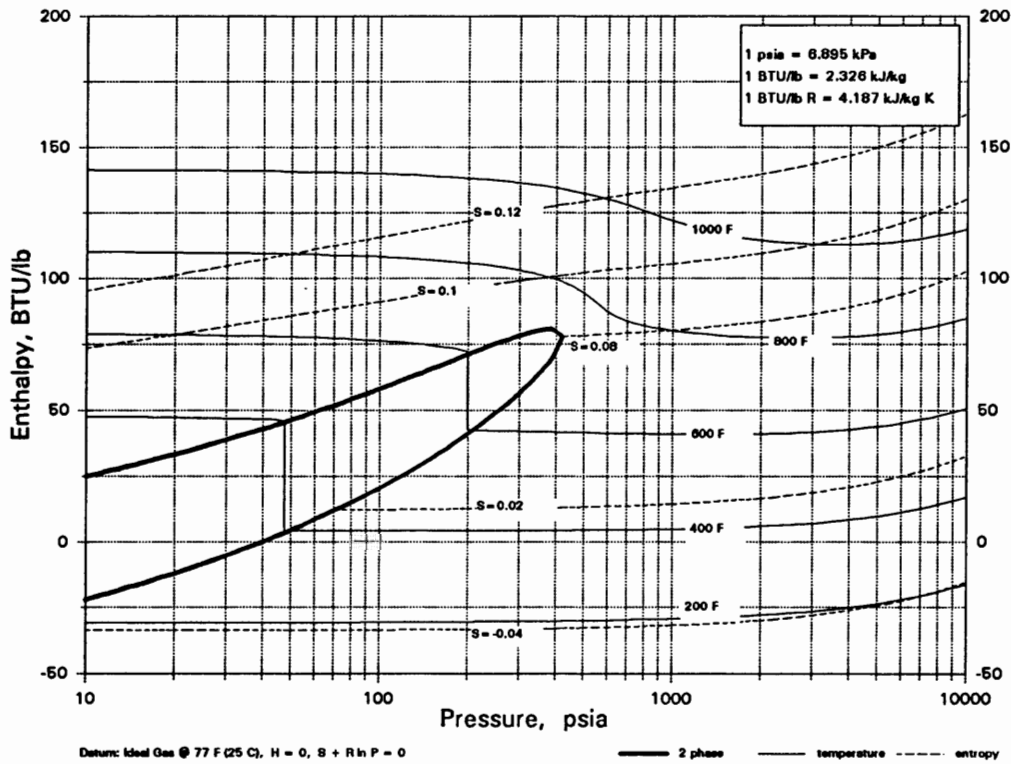
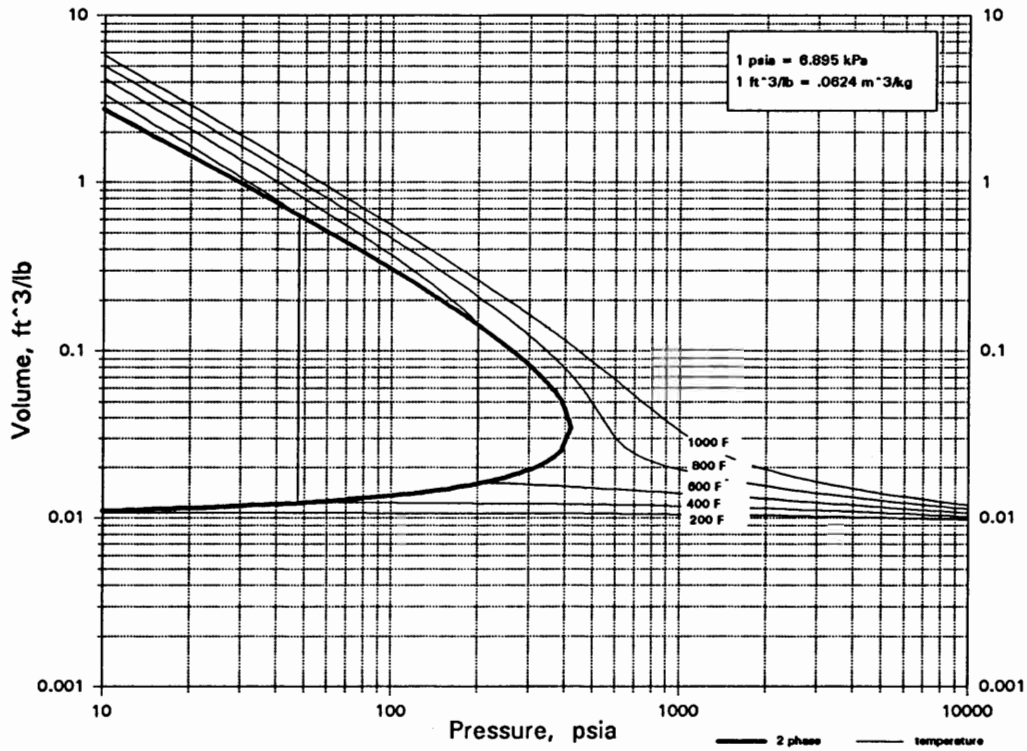


SiO2 SILICON DIOXIDE

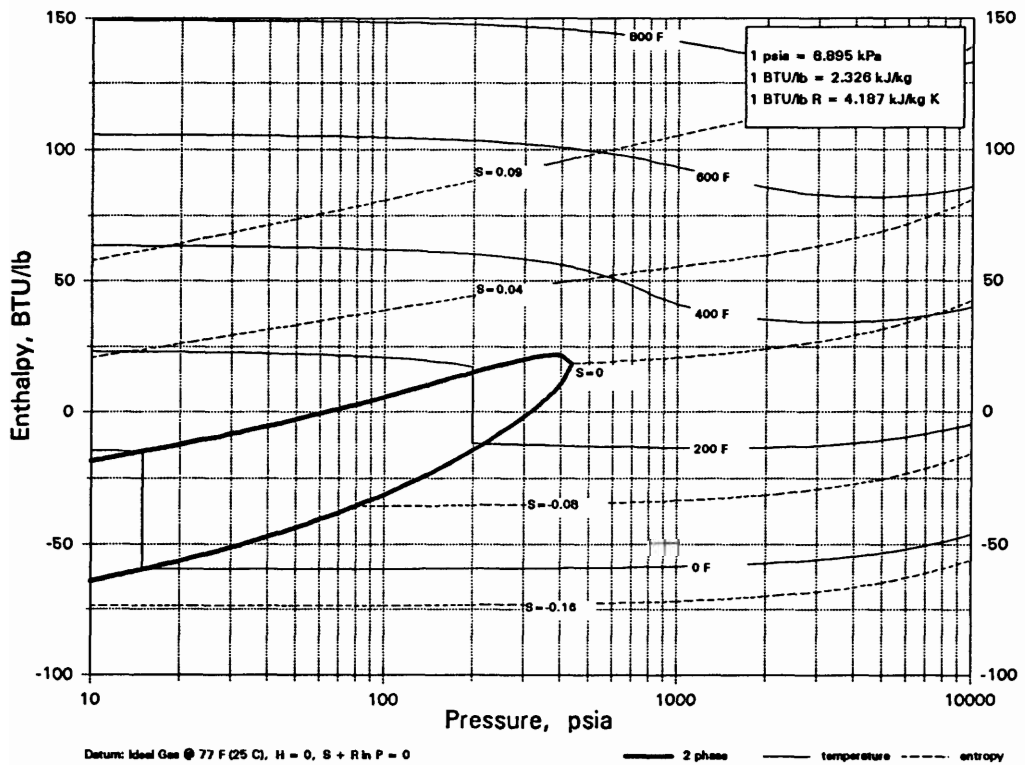
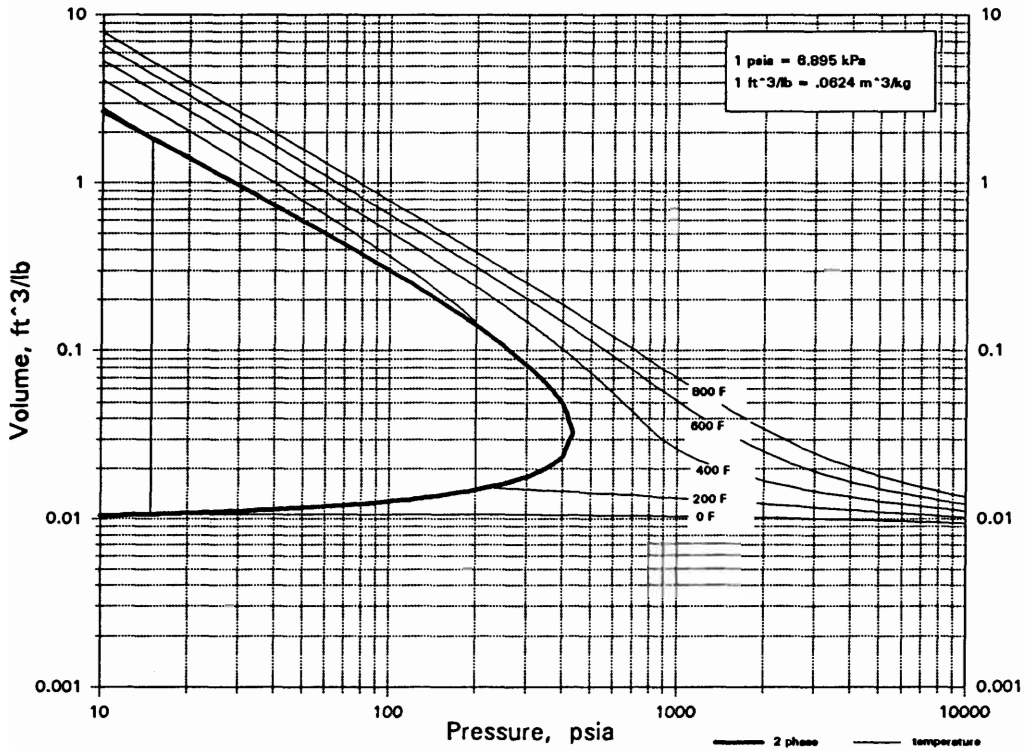




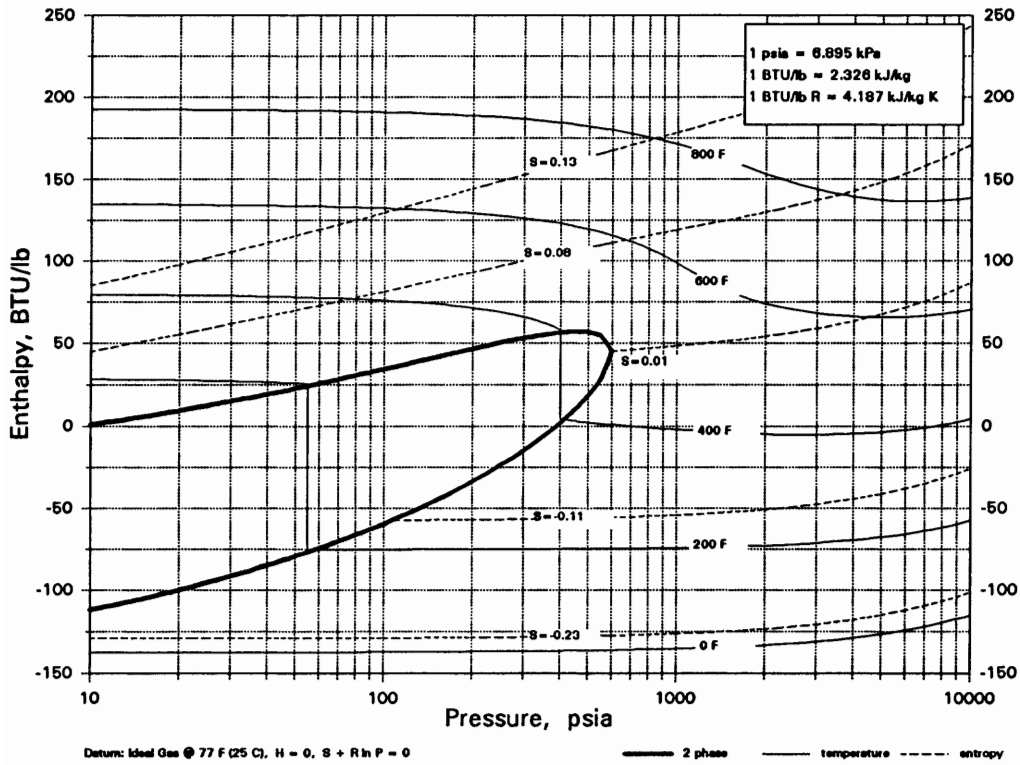
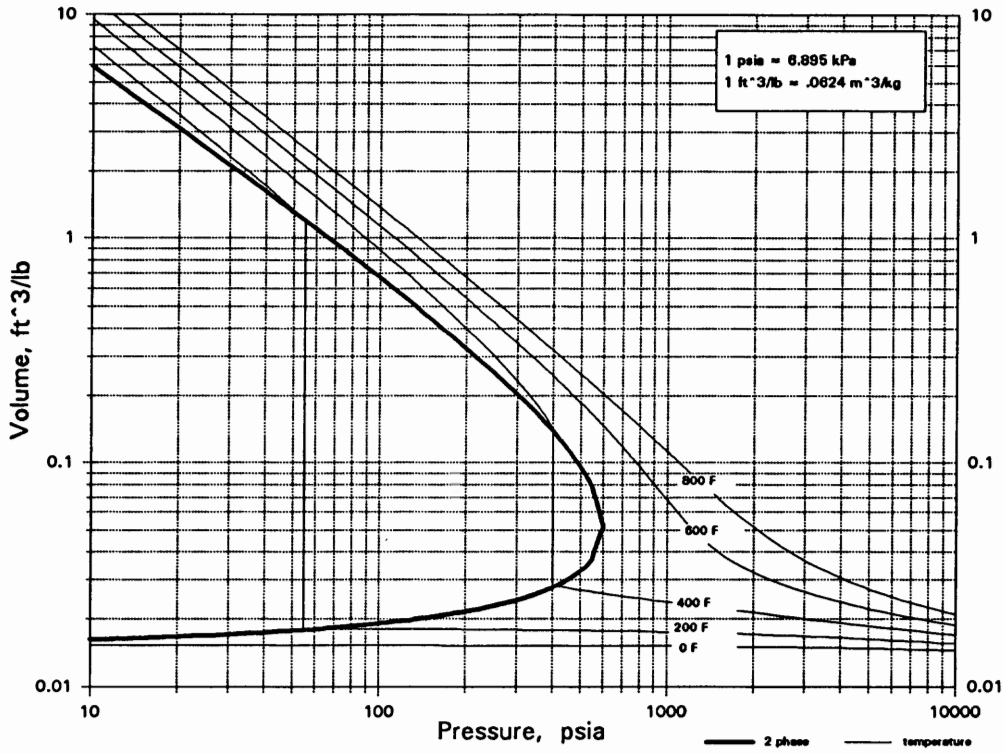
**Si2Cl6      HEXACHLORODISILANE**



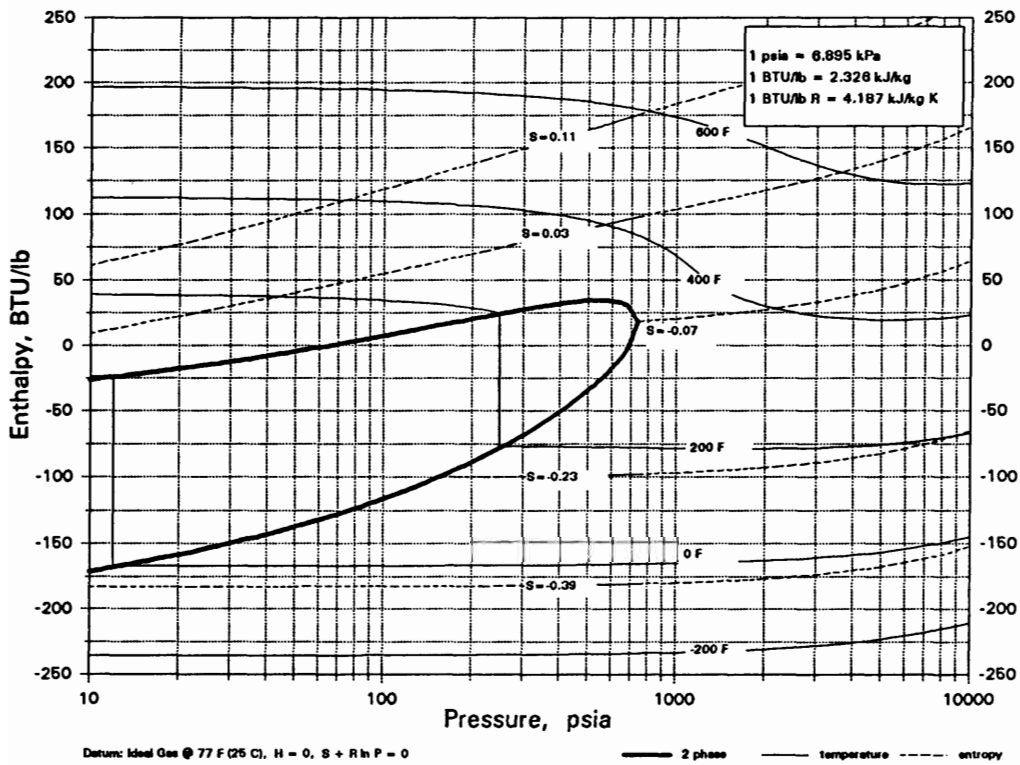
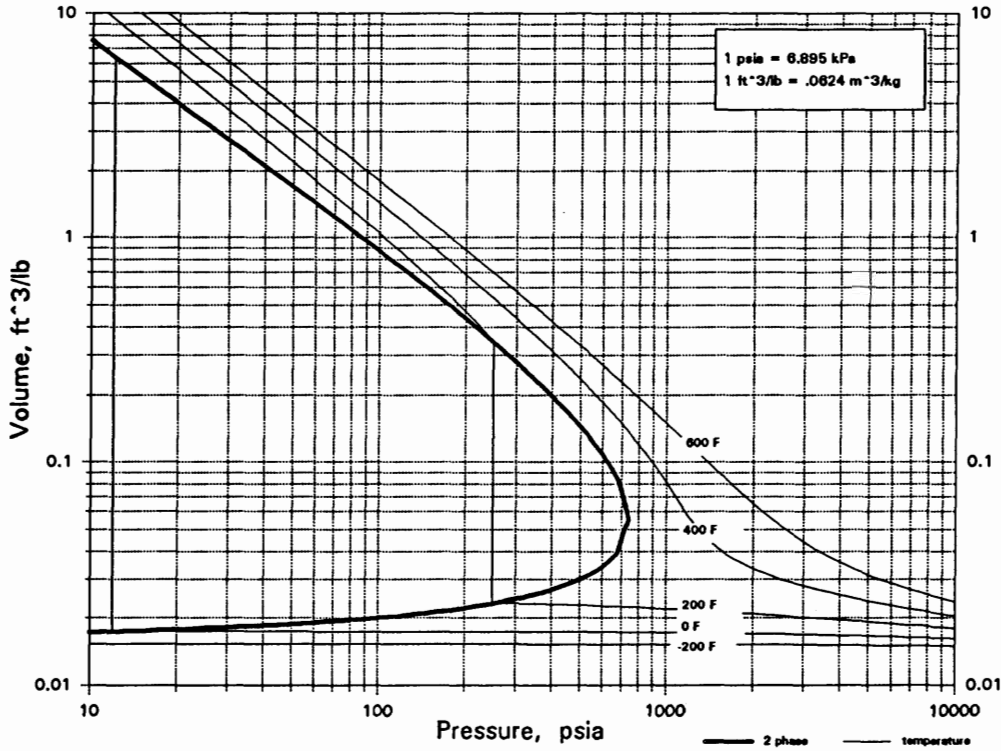
**Si2F6      HEXAFLUORODISILANE**



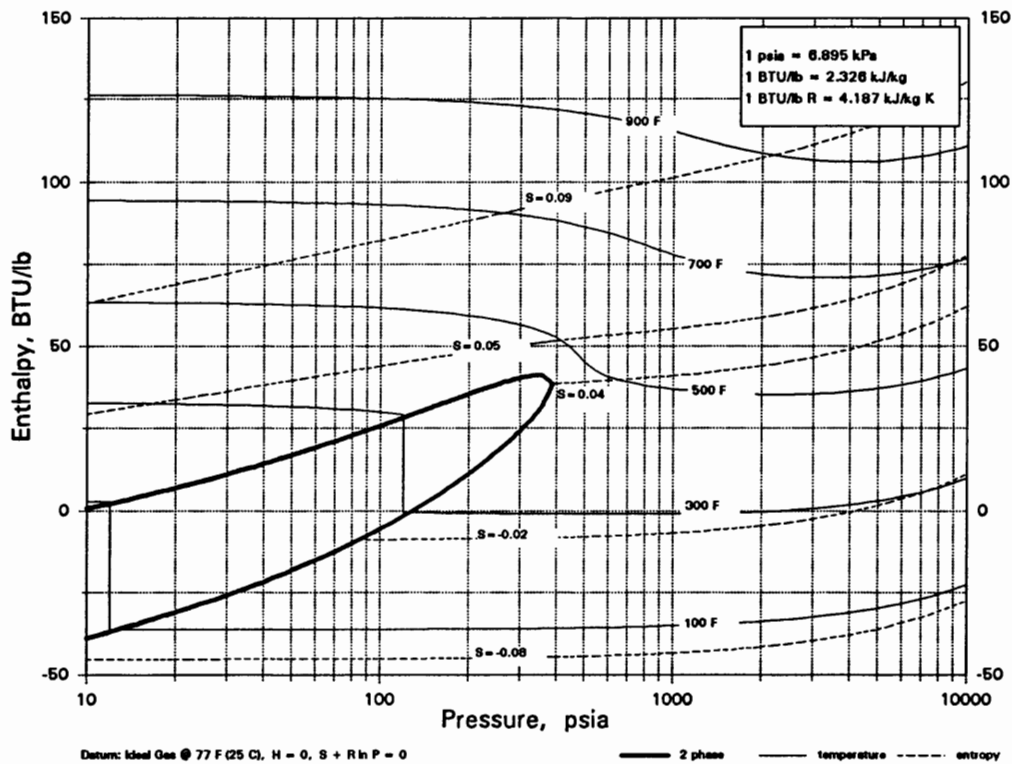
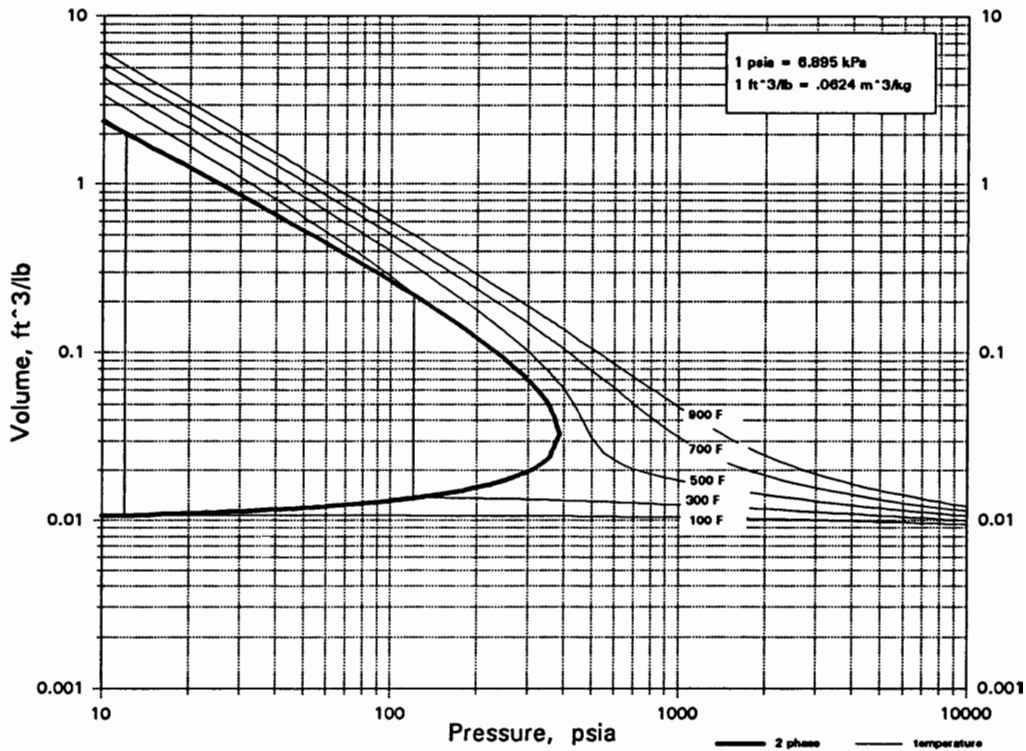
**Si<sub>2</sub>H<sub>5</sub>Cl      DISILANYL CHLORIDE**



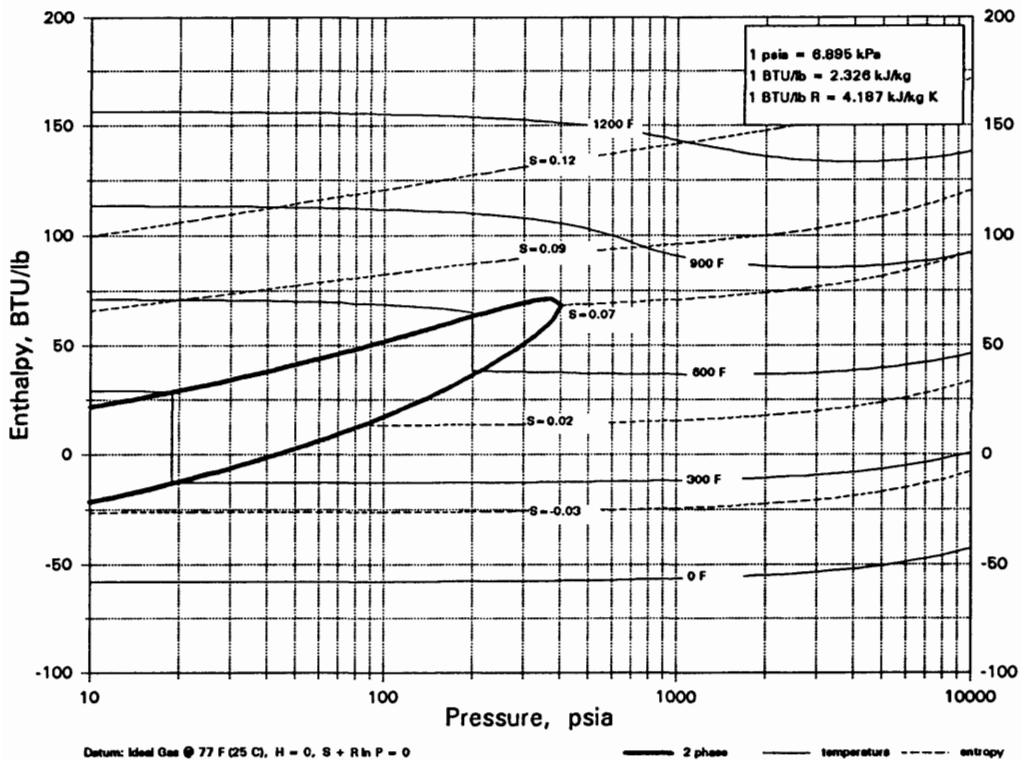
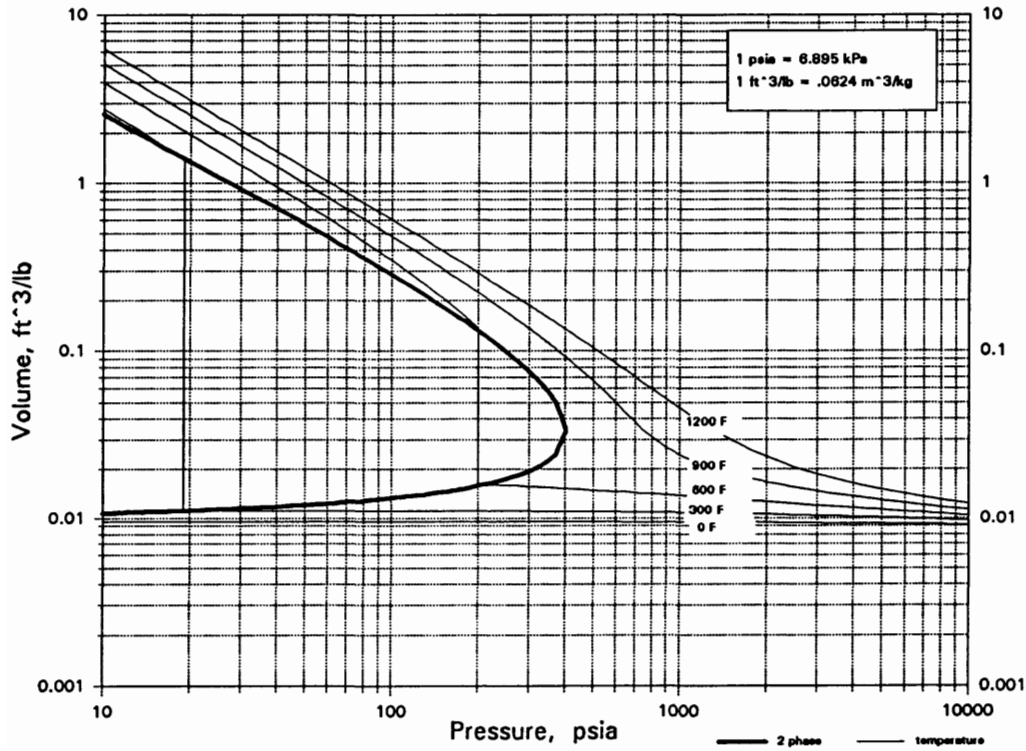
**Si2H6                  DISILANE**



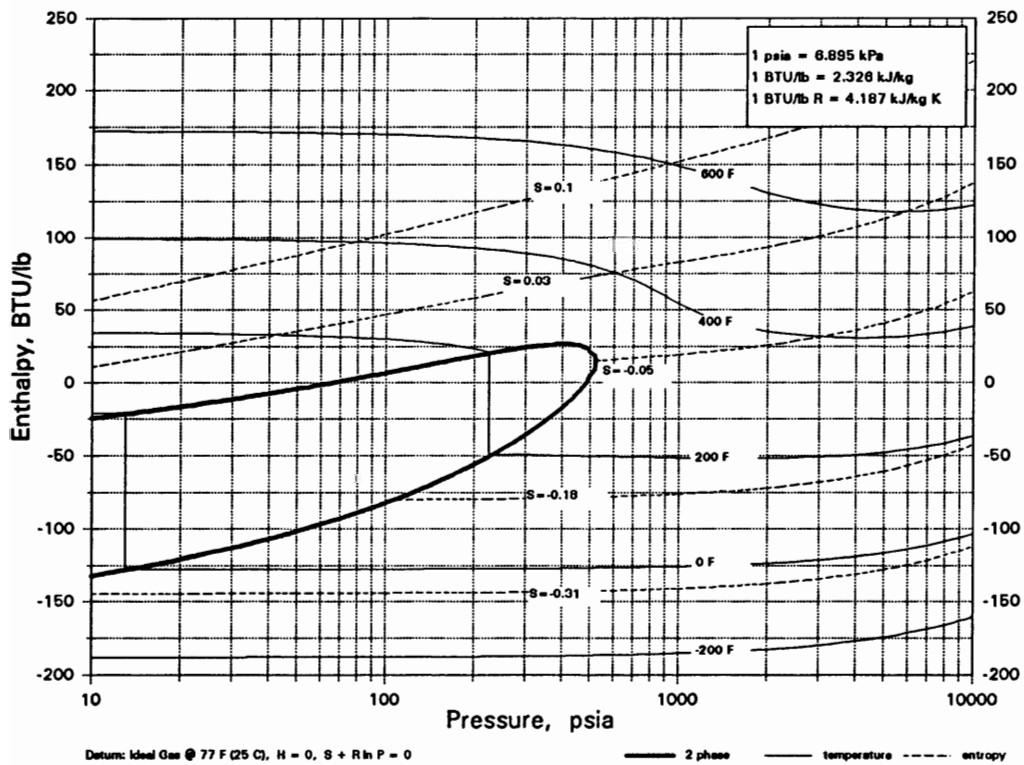
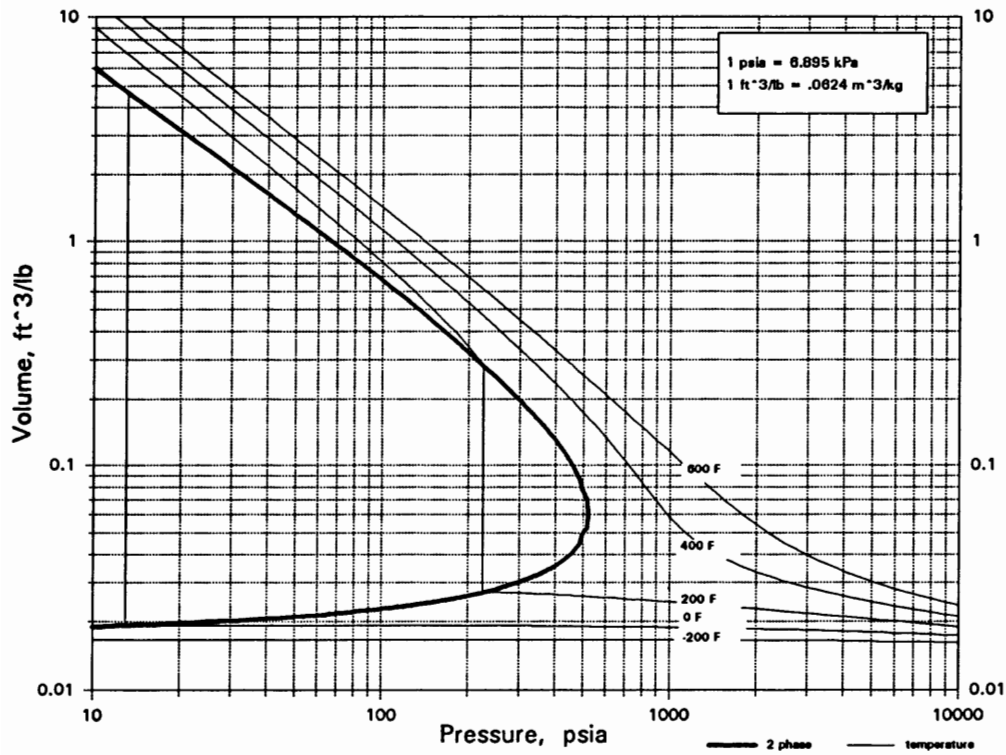
**Si2OCI3F3      TRICHLOROTRIFLUORODISILOXANE**



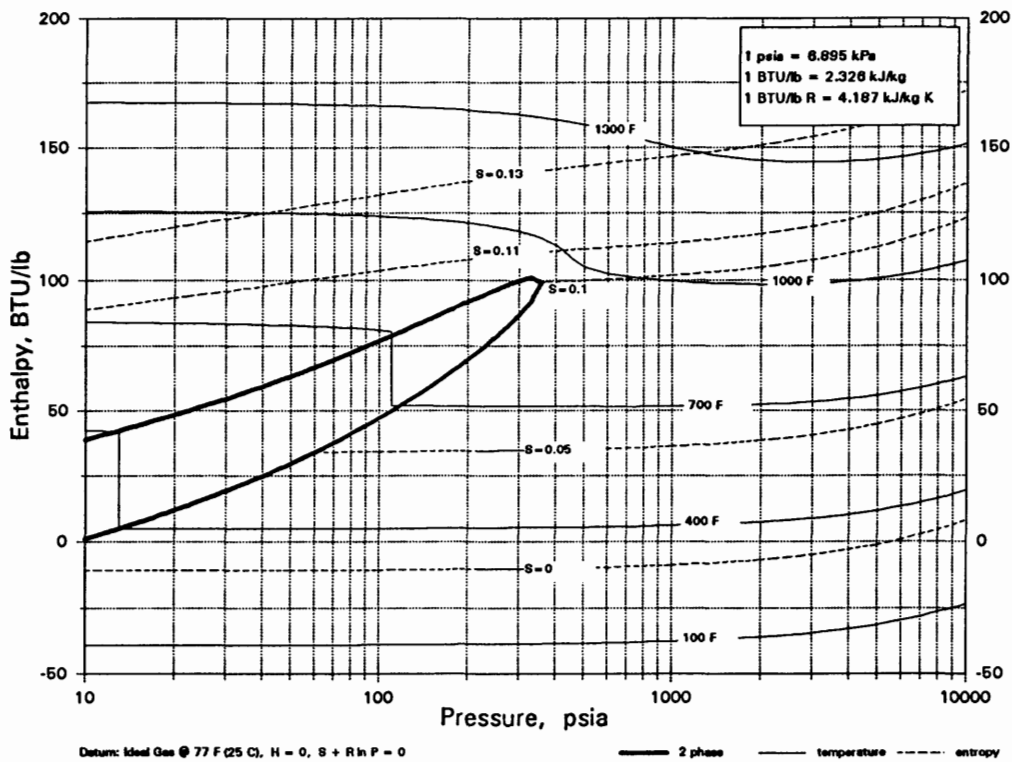
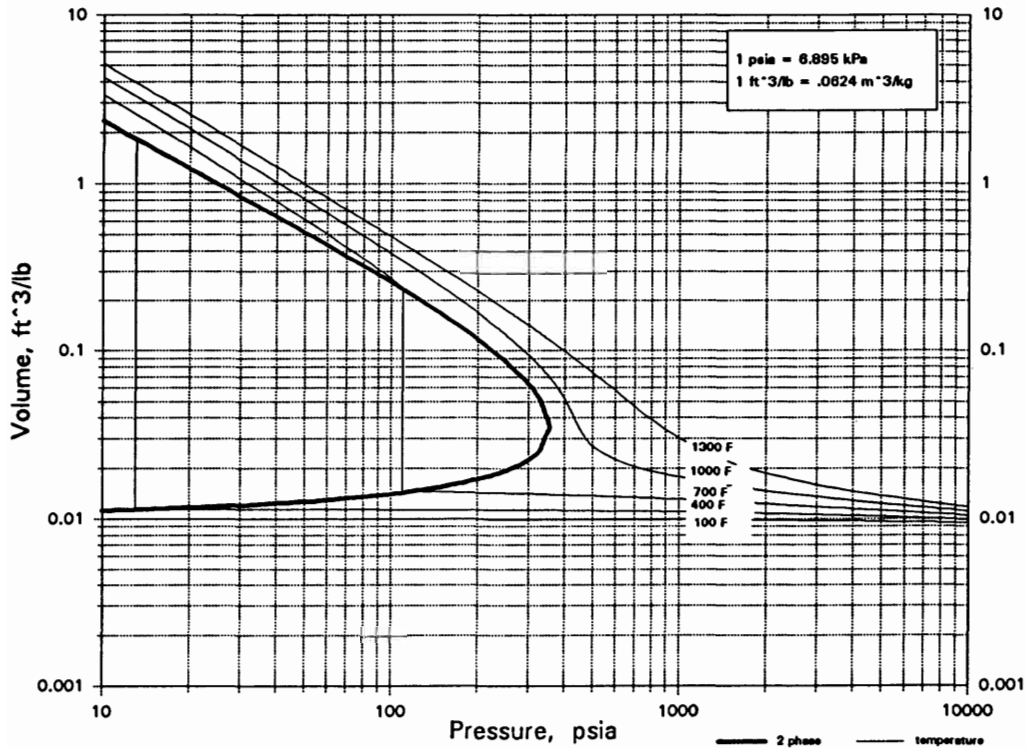
**Si2OCl6      HEXACHLORODISILOXANE**



**Si2OH6      DISILOXANE**



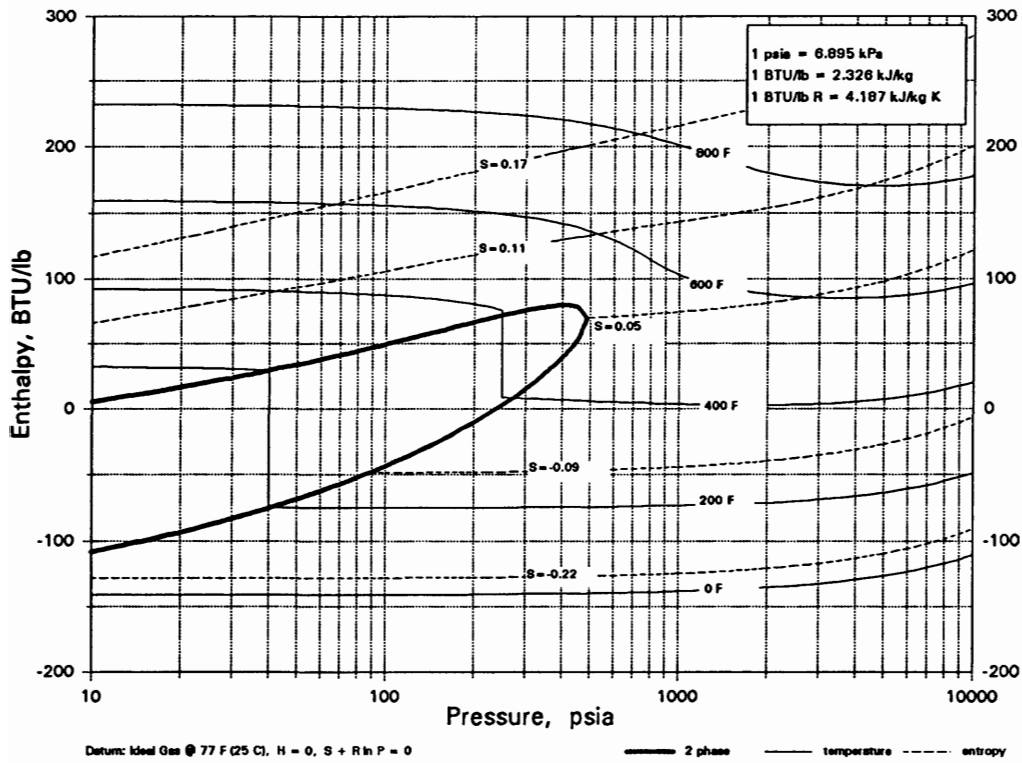
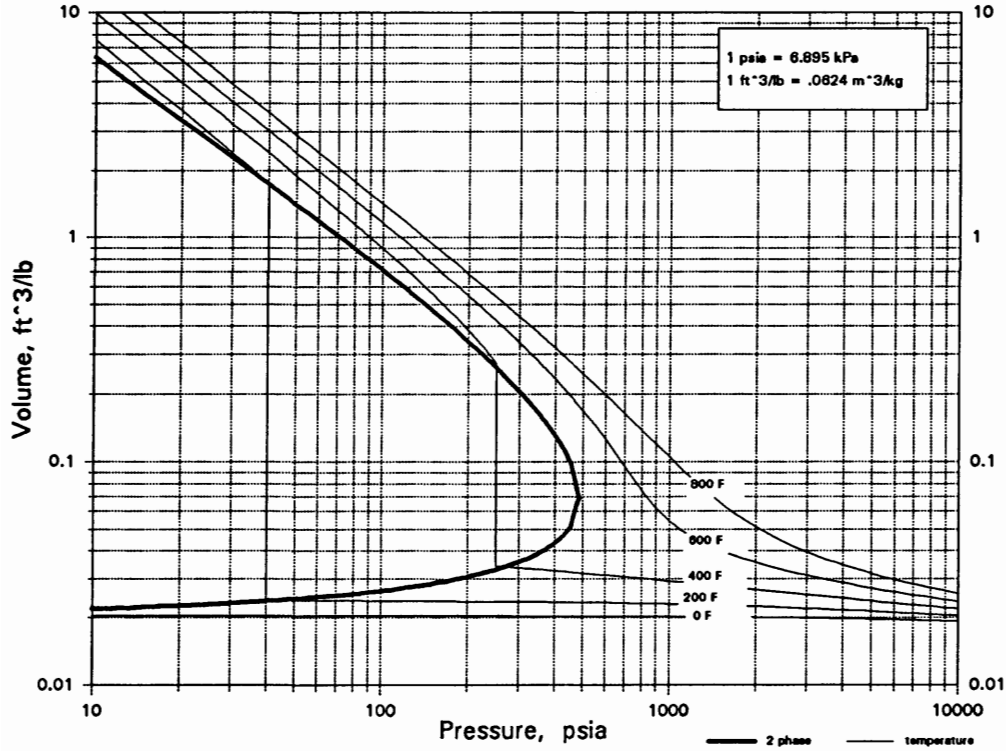
**Si3Cl8      OCTACHLOROTRISILANE**



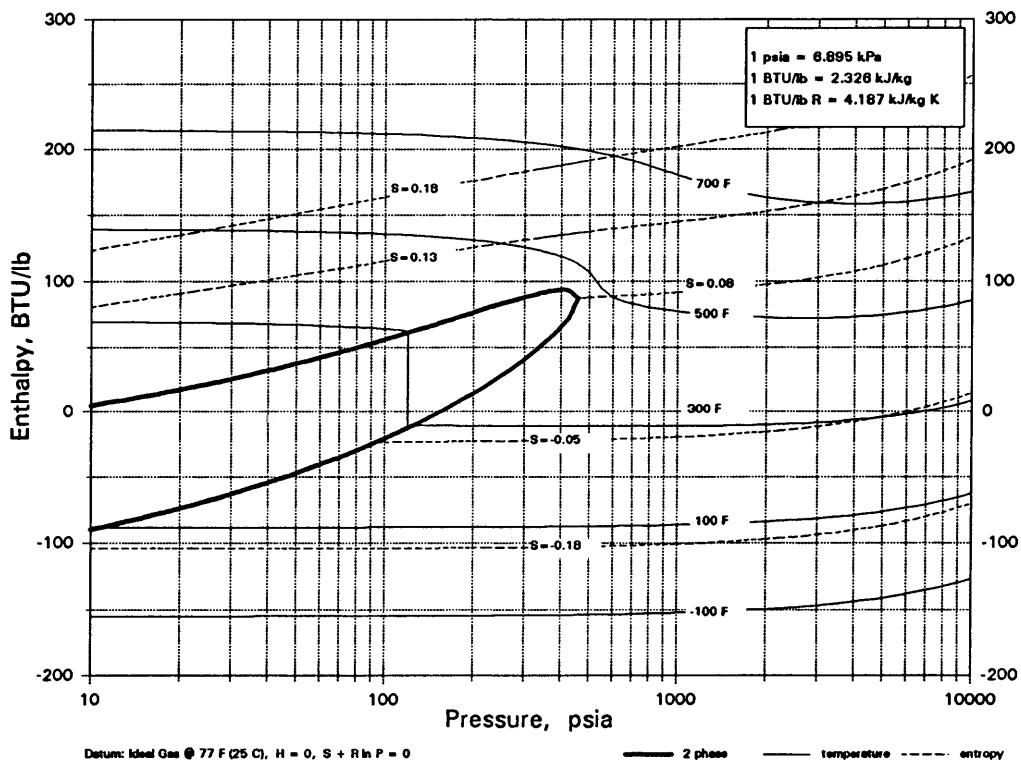
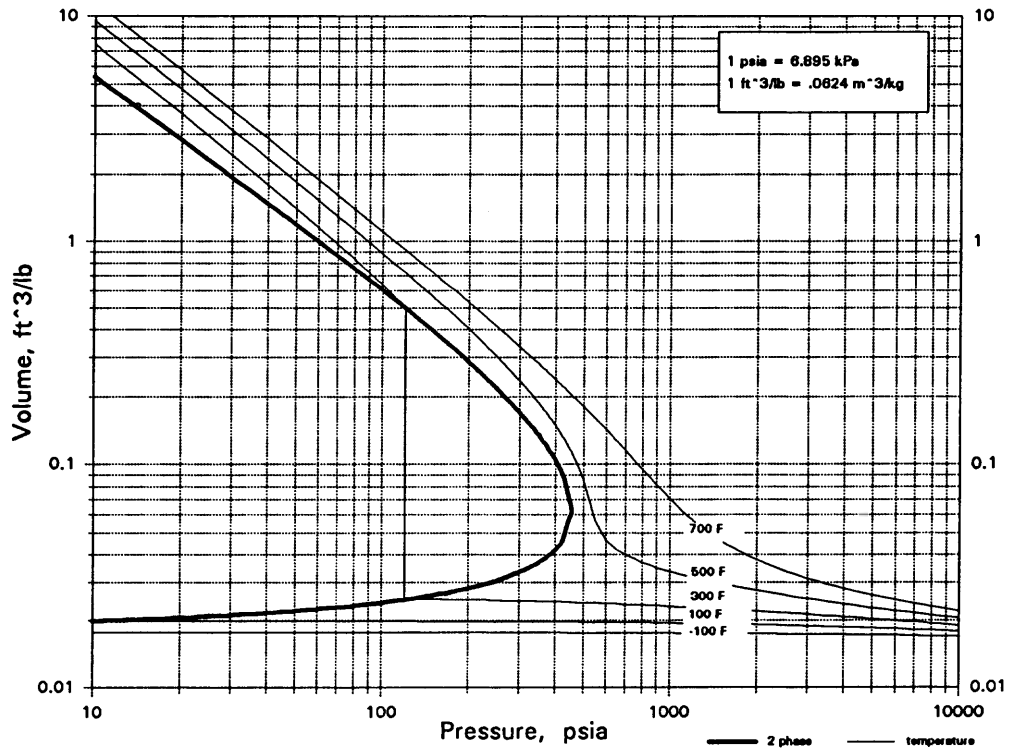


Si3H8

TRISILANE

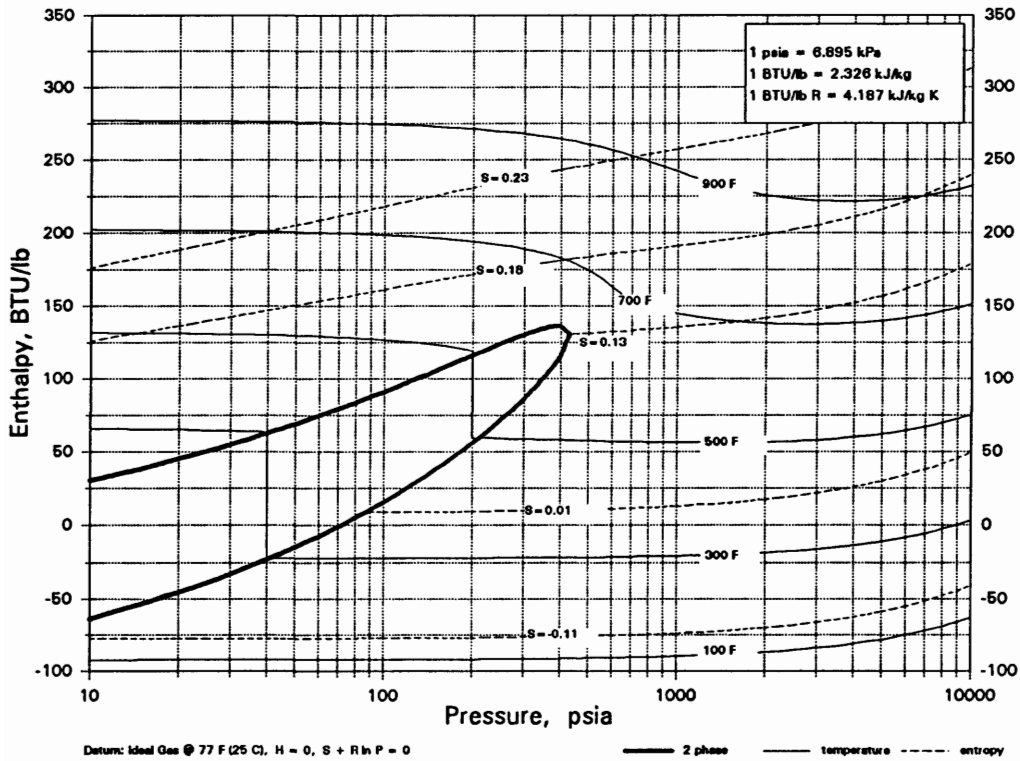
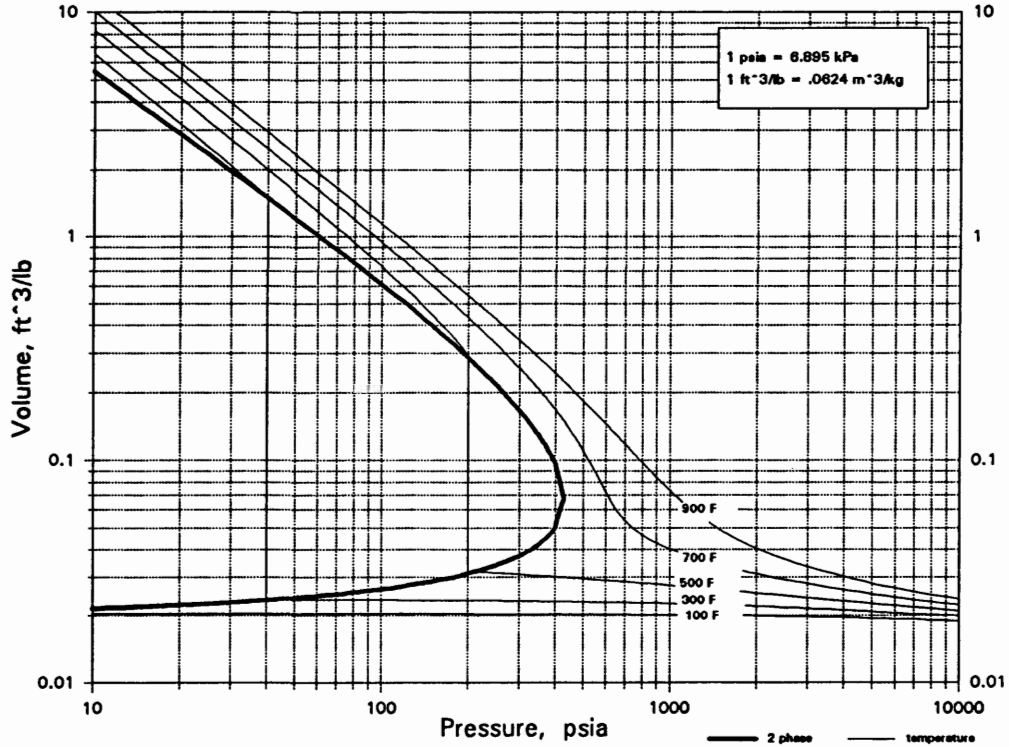


**SI3H9N      TRISILAZANE**

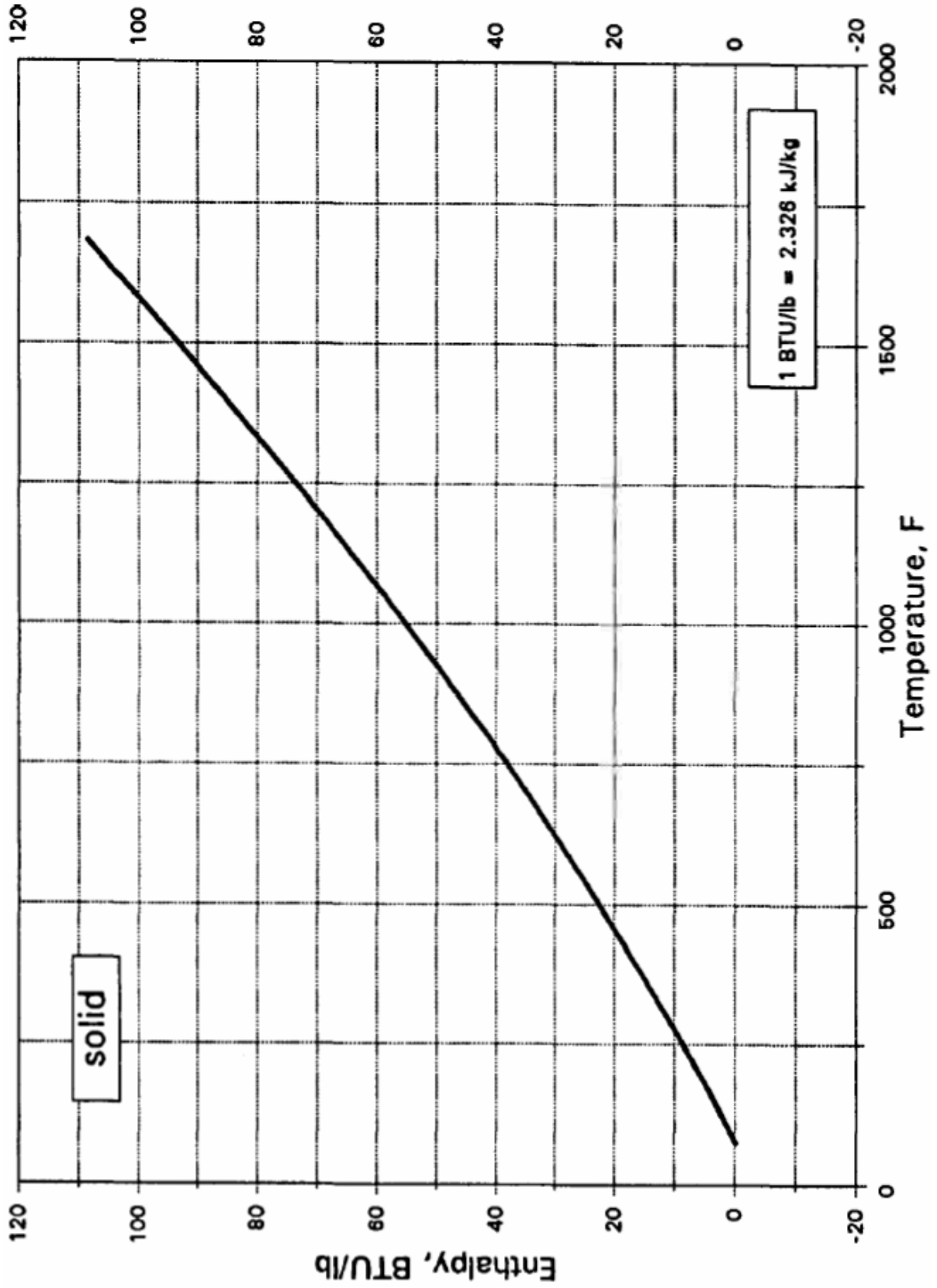


Si4H10

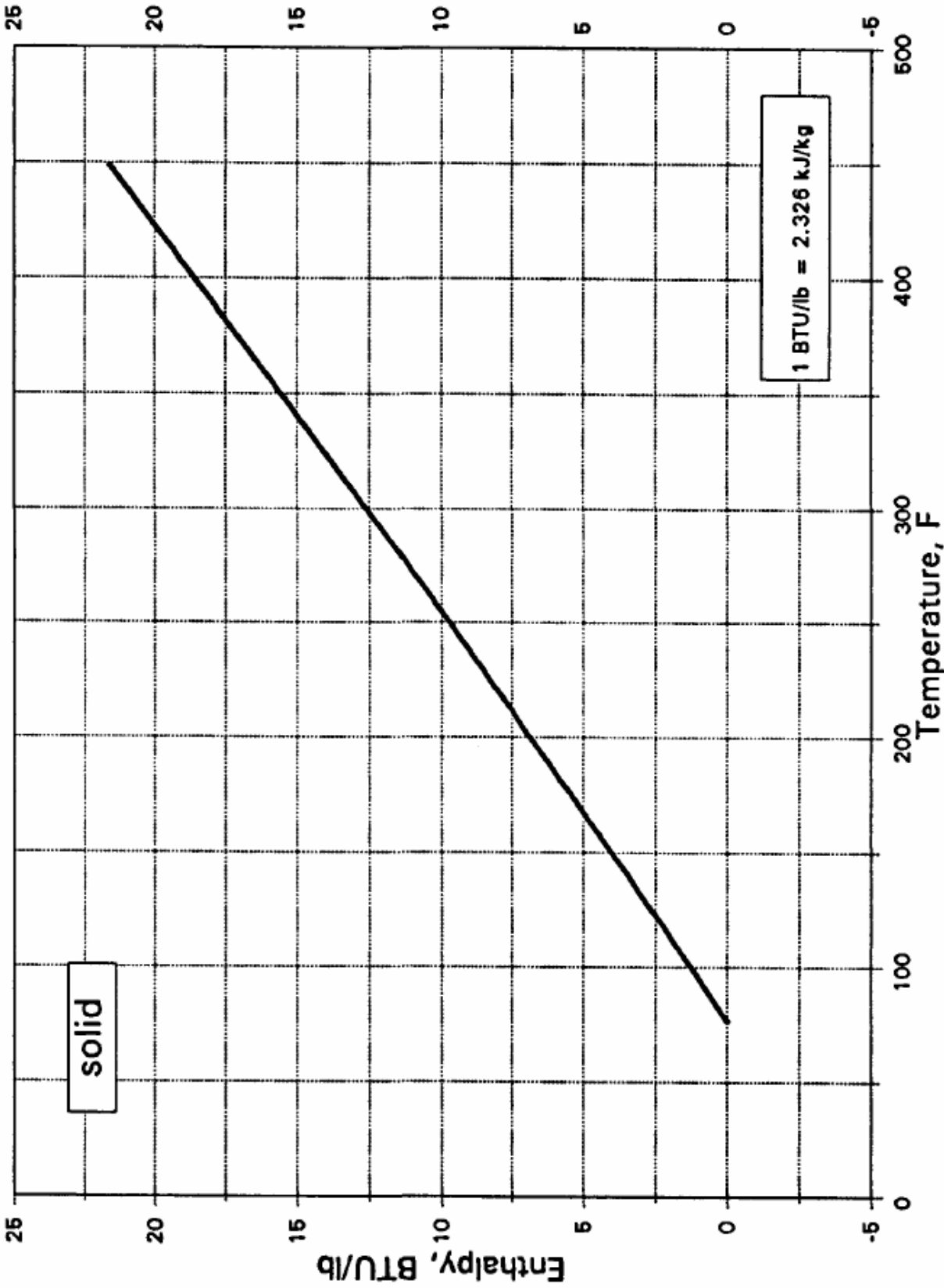
TETRASILANE



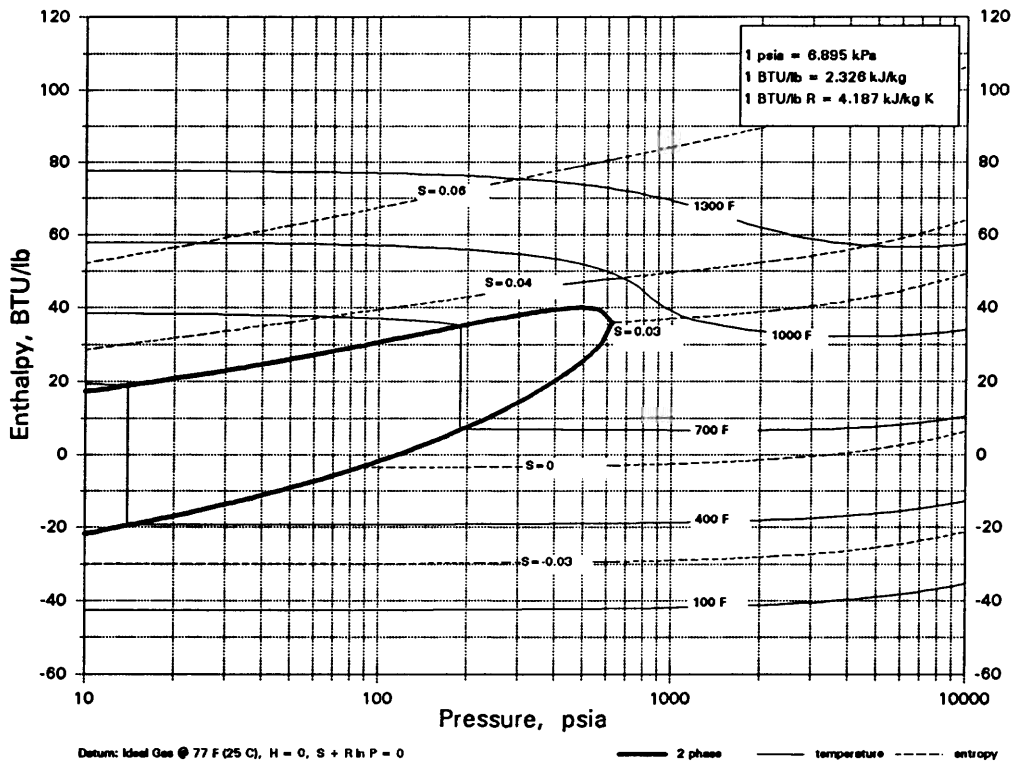
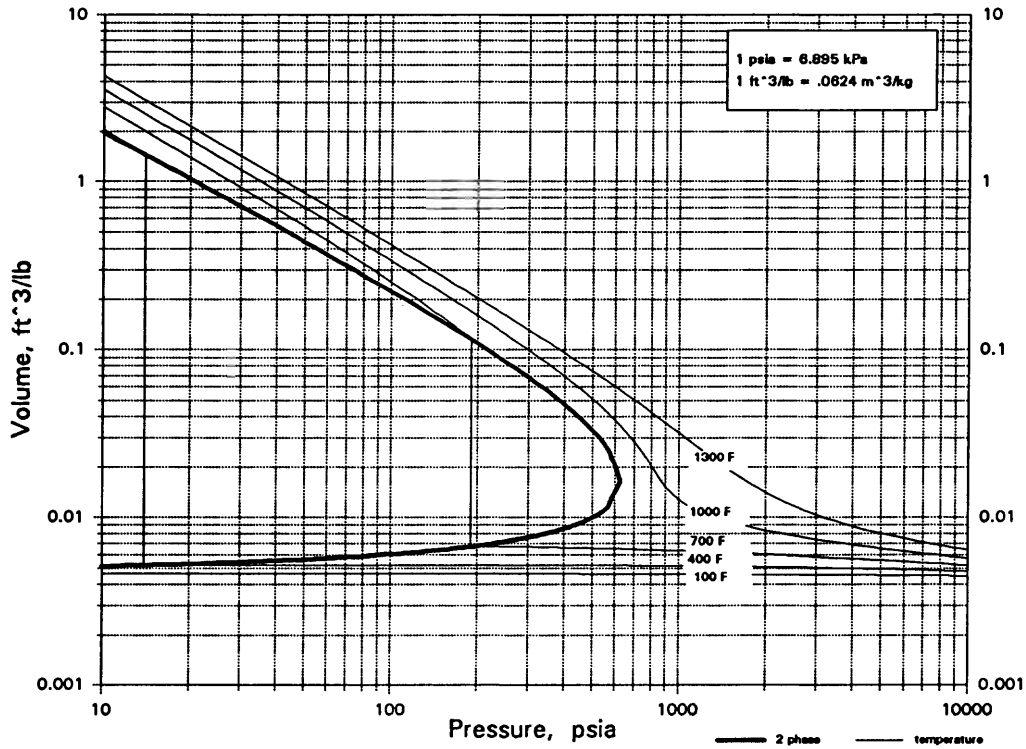
Sm SAMARIUM



Sn                      TIN

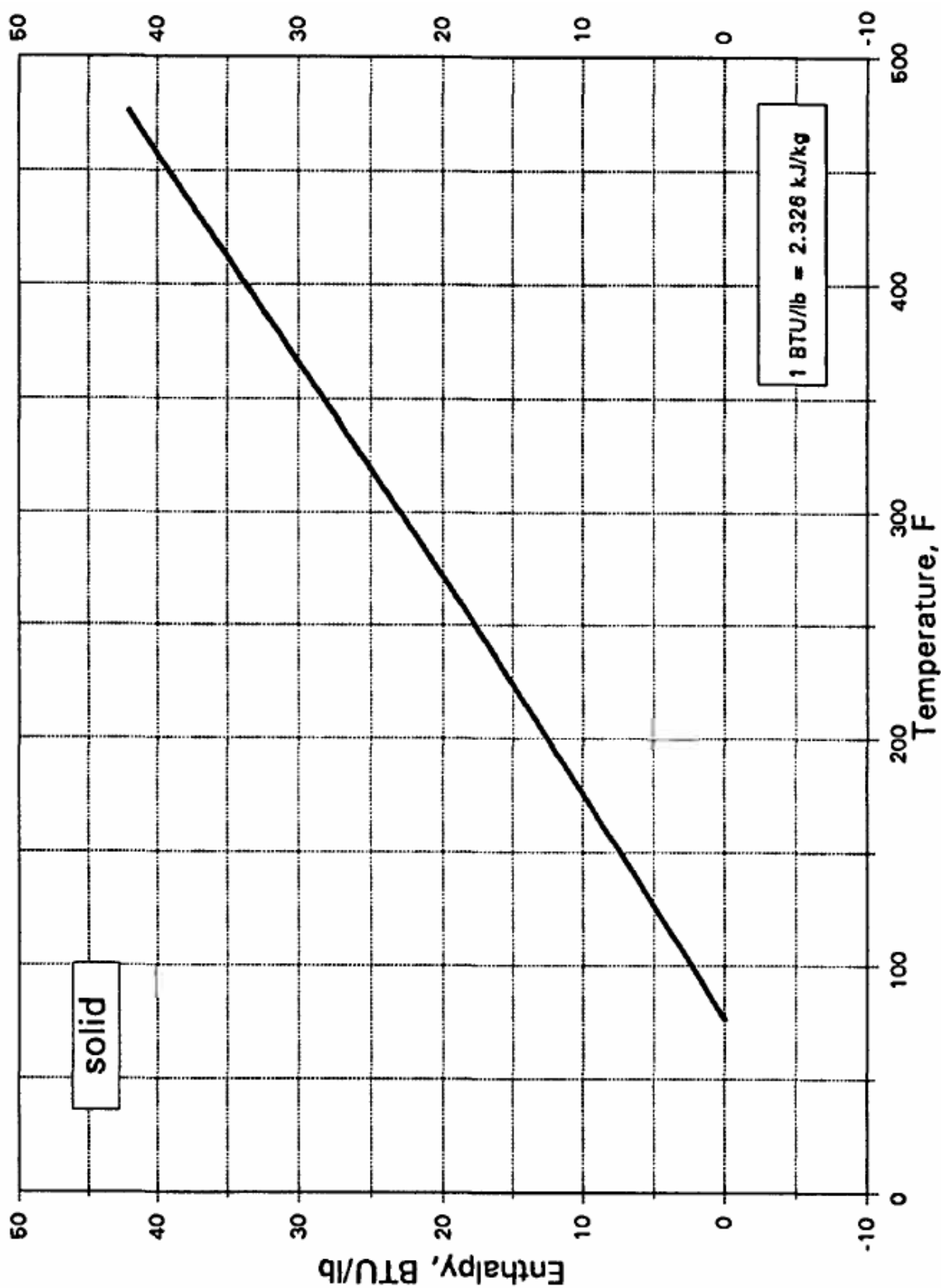


**SnBr4      STANNIC BROMIDE**

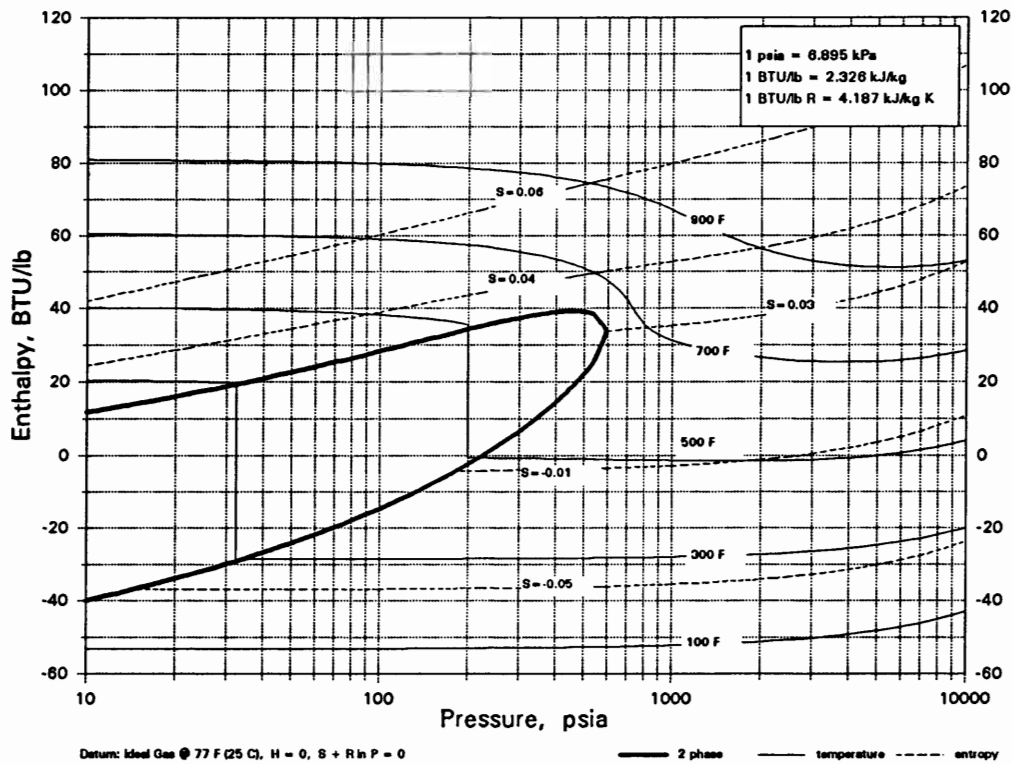
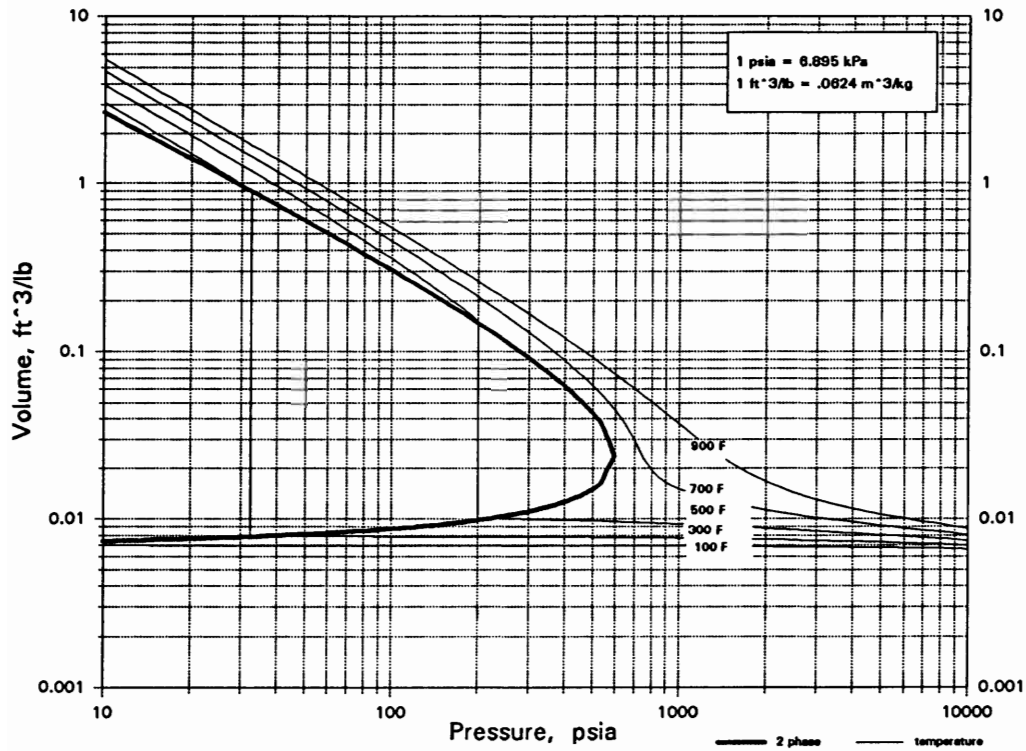


SnCl<sub>2</sub>

STANNOUS CHLORIDE

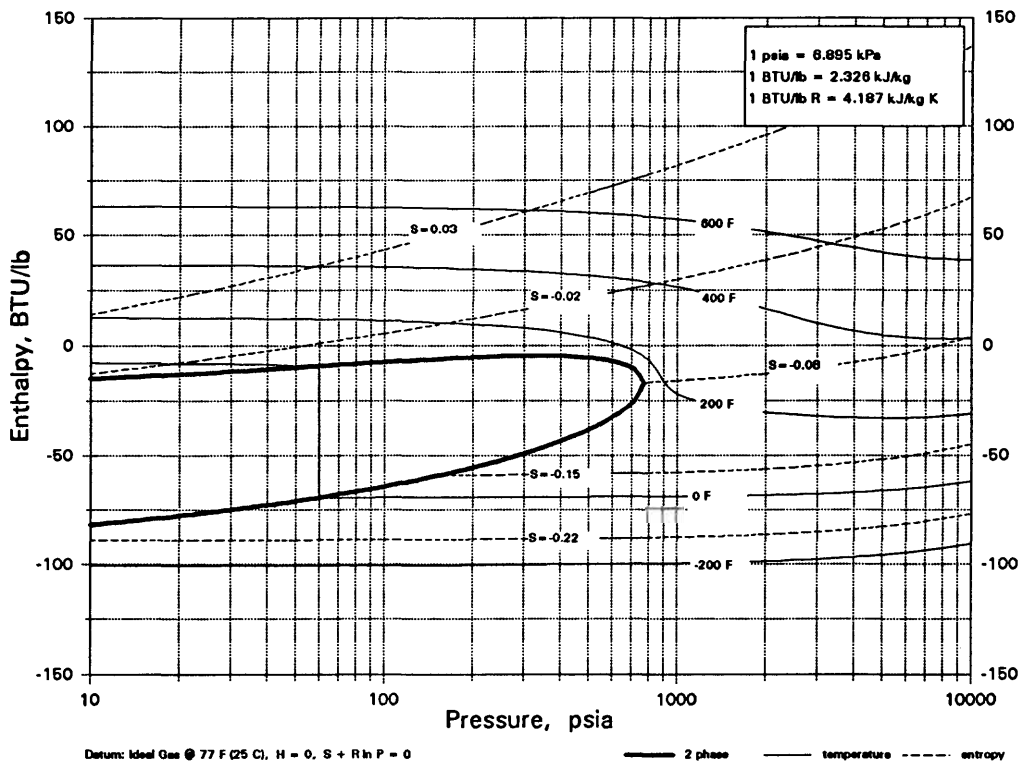
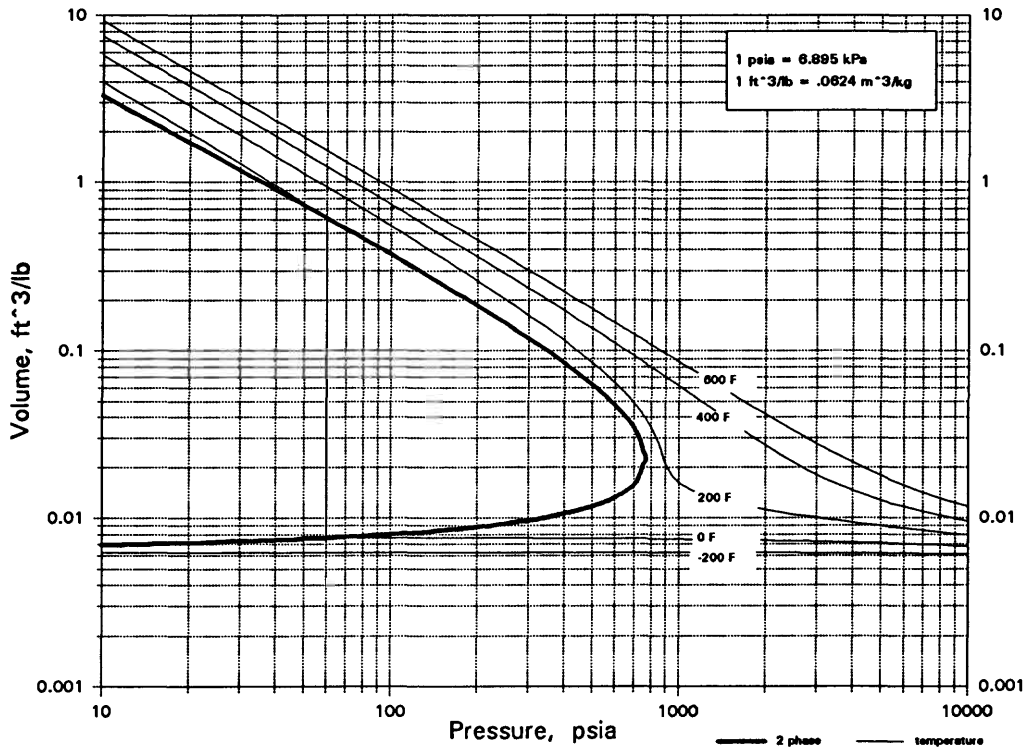


**SnCl<sub>4</sub> STANNIC CHLORIDE**



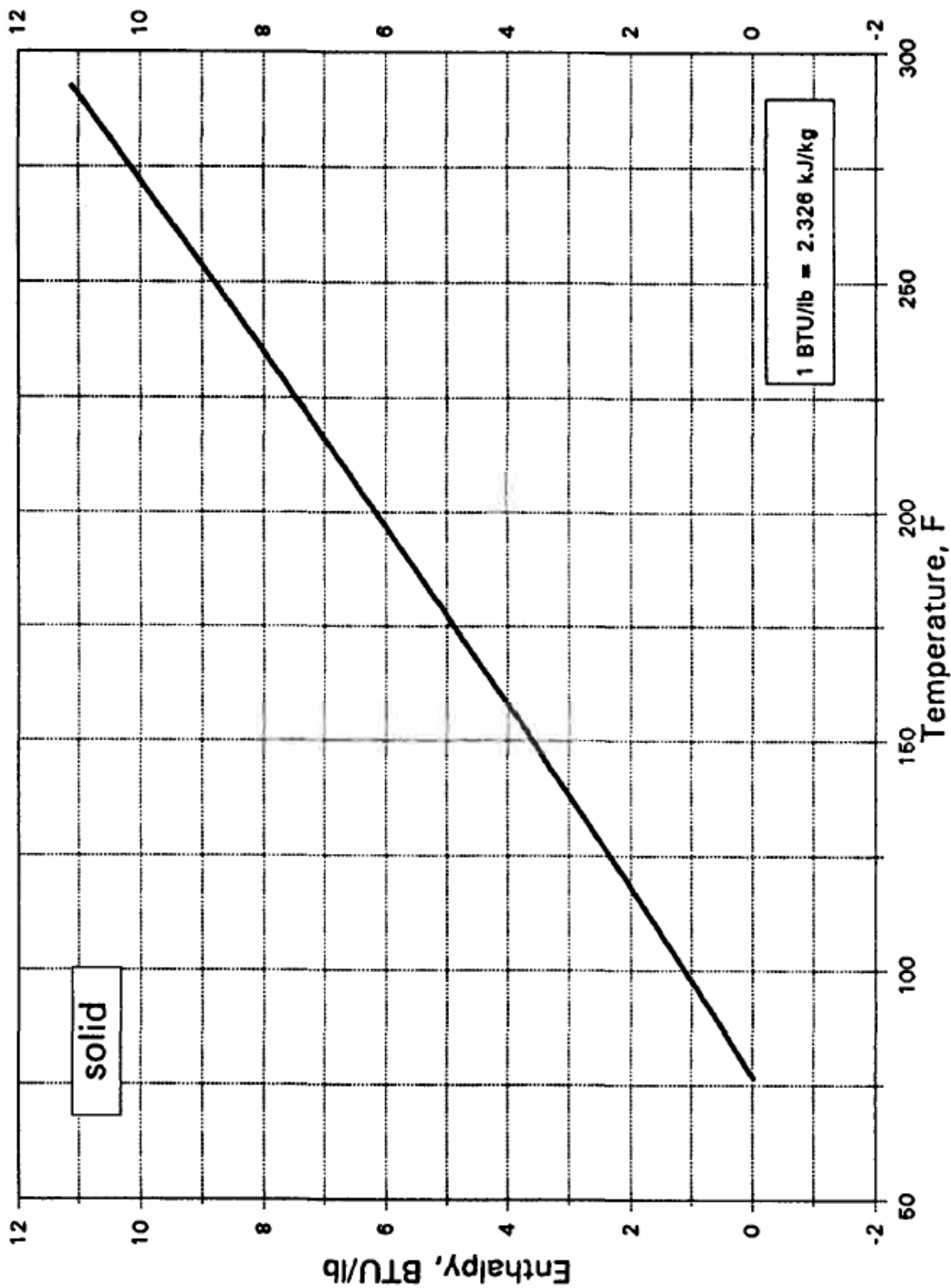


**SnH4      STANNIC HYDRIDE**

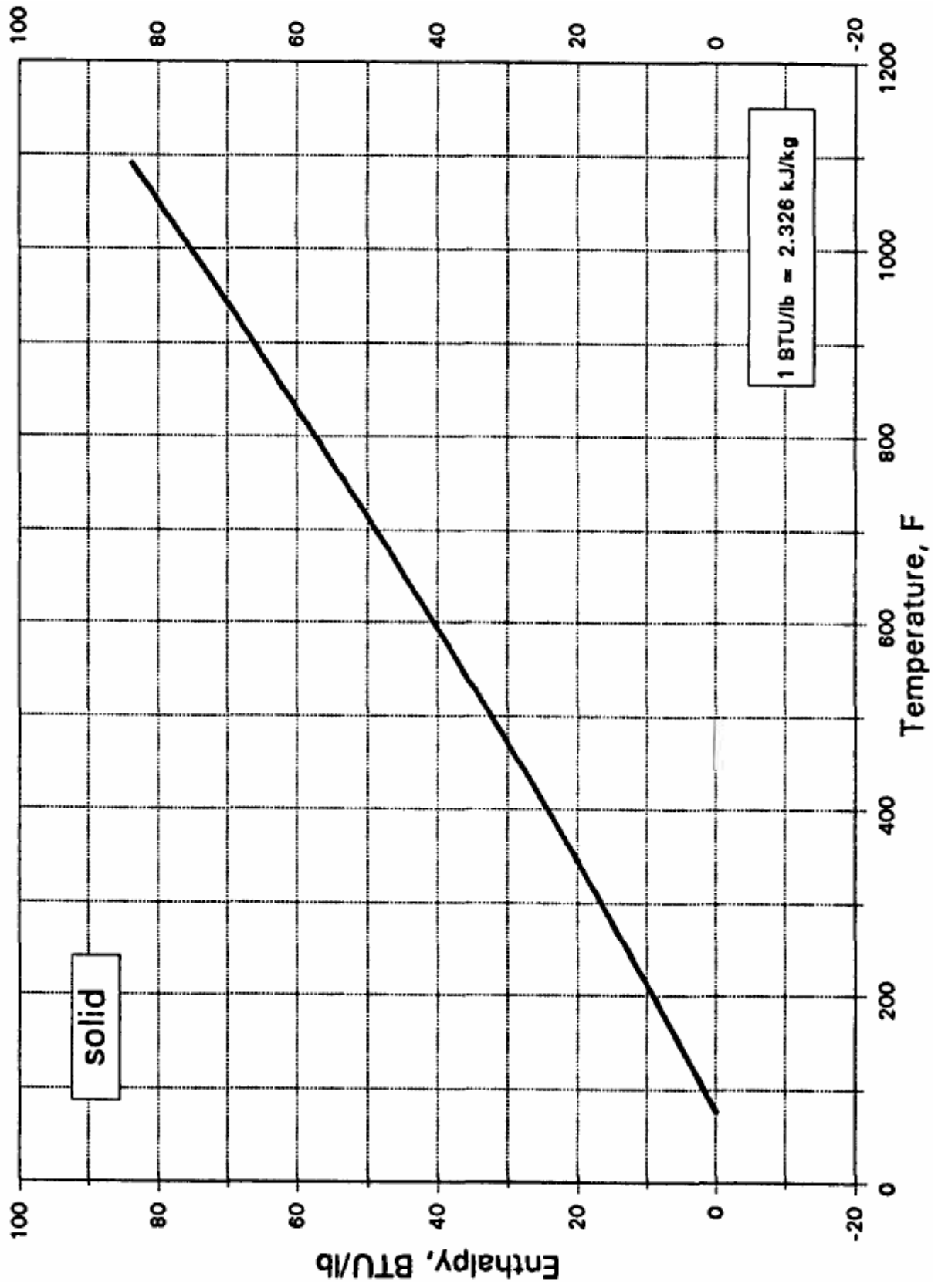


SnI4

STANNIC IODIDE



Sr STRONTIUM



SrO STRONTIUM OXIDE

