

This behavior is hypothesized to be the result of the Hugoniot crossing phase lines in the vicinity of a triple point.

Although carbon disulfide and carbon tetrachloride are normally insulators, both become electrically conductive at pressures near 70 kbar.

Some thermodynamic quantities such as temperatures on the Hugoniot, isentropes, and isotherms were calculated using a computer program fashioned with a thermodynamic description based on the Mie-Gruneisen form for the equation of state.