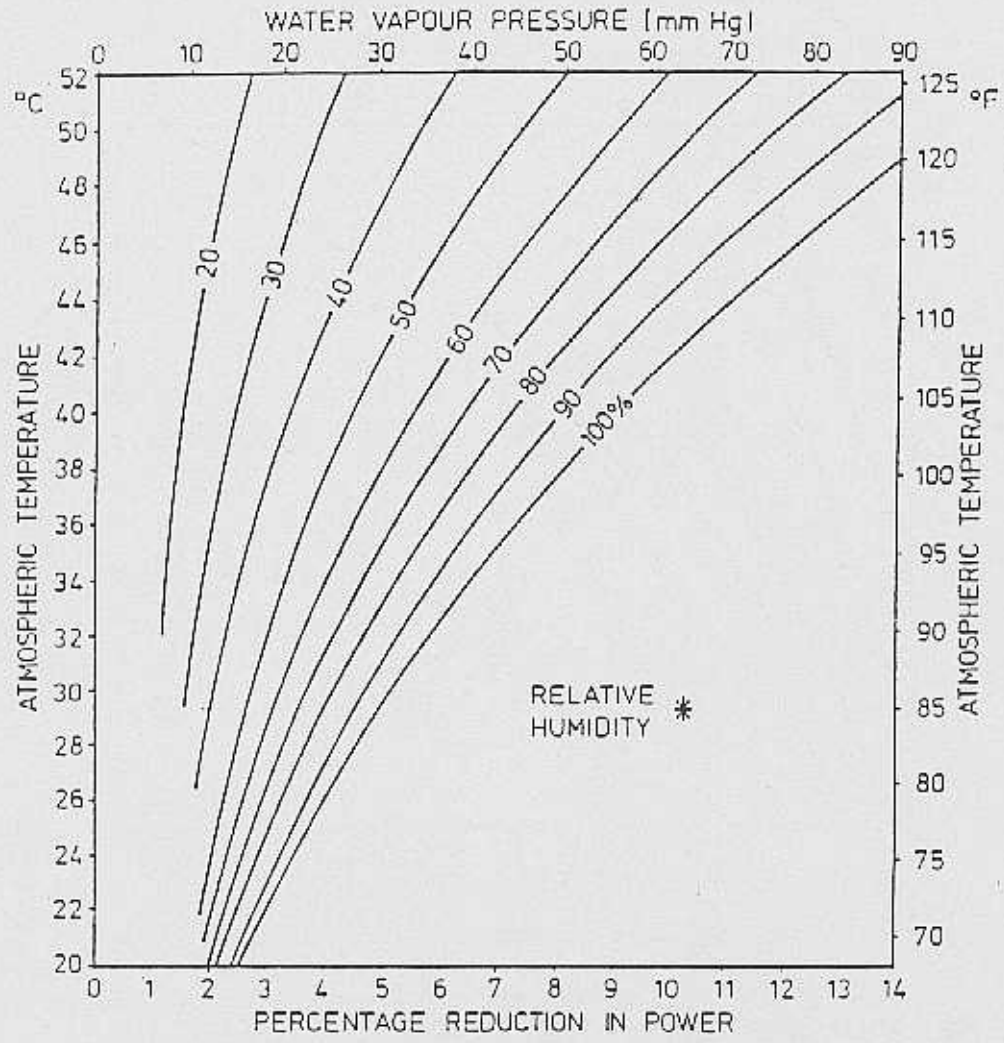


* NOTE: For air-to-water CHARGE COOLED Turbocharged engines the change in power output shown above does not apply. For these engines the reference temperature of 27°C. should be used and not the actual ambient air temperature

DIAGRAM FOR ESTIMATING EFFECTS OF ALTITUDE AND TEMPERATURE ON POWER OUTPUT RELATIVE TO BS5514 REFERENCE CONDITIONS. (27°C and 100 kPa (750 mm Hg))



* NOTE: When estimating the percentage reduction in power due to humidity, the relative humidity must be coupled with the ATMOSPHERIC AIR TEMPERATURE, and not the inlet air temperature which might be locally heated. The effect of inlet air temperature on power output must be considered separately using diagram 3893A or 5328. Where humidity is expressed in terms of water vapour pressure, the percentage reduction in power can be read directly from the chart.

DIAGRAM FOR ESTIMATING EFFECTS OF HUMIDITY ON POWER OUTPUT
RELATIVE TO BS AU141a: 1971 REFERENCE CONDITIONS.
(20°C and dry air)