

5
/

ABSTRACT

5 The disclosure is a process for inhibiting corrosion in
condensing systems comprising wet hydrocarbons and chloride
which comprises feeding a mixture of amines to the
condensing system to elevate the pH profile of condensed
water above the range in which severe corrosion of system
internals can occur. The amine blend is formulated to
preclude deposition and accumulation of the hydrochloride
salts of the amines above the water dewpoint and is
10 optimized to the condensing system to minimize amine treat
rate. In one embodiment, the amine blend feed rate is
controlled using a small condensing system which condenses a
slipstream of gas taken from the system upstream of the
condensing zone and continually measures the pH profile in
15 the condensing zone.

h:\nald\084\pa\patent

