

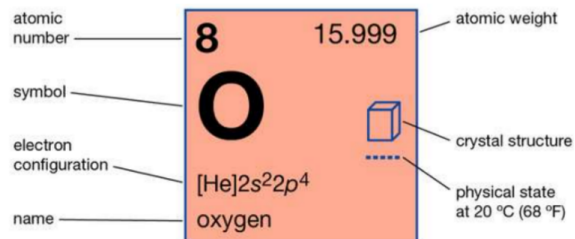
Since the beginning Hydronic Equipment has been designed to compensate for FeOH Hydrus Iron Oxide aka “Dirt”.

LM1 10/12/20



Oxygen Corrosion

In Hydronic systems “dirt” is the result of corroding steel after the iron (Fe) particles have been exposed to oxygen and moisture (e.g., humidity, vapor, immersion). ... Oxygen causes these electrons to rise up and form hydroxyl ions (OH). The hydroxyl ions react with the FE^{++} to form hydrous iron oxide (FeOH), better known as “dirt”.



The precipitation of “Dirt” inside of the boiler is known as “Mud”.

Mud Leg

Firetube High Mass Boilers

Mud Drum

Watertube High Mass Boilers

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