

RMF Systems Case

STEEL PLANT

The Voestalpine Group is a steel-based technology and capital goods group that operates Worldwide. With its top quality products the group is one of the leading partners to the automotive and consumer goods industries in Europe and to the oil and gas industry worldwide. In Linz in 1949 a pioneering decision was made to construct a steel mill based on a new technology, the Linz-Donawitz process (LD process). The LD process was one of the centuries most significant industrial inventions that instantly revolutionised the global steel making industry. It established the voestalpine globally as a leading metallurgical company.

PROJECT DESCRIPTION

For Voest Alpine Linz AG it is not uncommon to experience water problems in various hydraulic power units. Quite often the cause of the water contamination cannot be cured so dehydration equipment is essential to fight the symptoms (water).

For Voest Alpine Linz AG the requirement was a mobile, light and simple to use dehydrator. After reviewing several possibilities the choice was made for the RMF Systems Maxi Water Vac.

One of the machines the Maxi Water VAC was used on is a roller-coiling and cutting machine. The water content was 0,3 % or 3000 ppm in a total of 1600 liters of HLP 46 (mineral hydraulic oil).

RESULTS

Water concentration before: 3000 ppm
Water concentration after 4 days of running the MXWV: 100 ppm



voestalpine
ONE STEP AHEAD

APPLICATION SPECIFICATION

Application: Hydraulic system of a roller-coiling and cutting machine

Oil type: HLP46

Oil temperature: 45° C

Oil tank volume: 1600 Liter



MAXI WATER VAC