

# Fluitec Case Study



## Belgium | Steel Plant

Estimated ROI

**10,667%**

### Problem

In a steel manufacturing plant in Belgium, the operators noticed sticking of the servo valves and accelerated filter plugging on the hydraulic systems. This occurred after they switched to an ashless type of mineral hydraulic oil without flushing the system. High MPC values within the range of 50 and high contamination values of 290mg/kg were also observed.

### Solution

Fluitec's DECON was added to the system to decontaminate it at a treat rate of 3%. Within the next four months, the MPC values stabilized and the contamination levels decreased.

### Results

MPC levels have significantly declined to the normal range (less than 18) and the contamination levels went to 30mg/kg. Additionally, the mechanical challenges of valves or pumps sticking have been eradicated. Filter elements are also not changed as frequently as before.

<b>Client:</b>	Steel Plant
<b>Country:</b>	Belgium
<b>Application:</b>	Hydraulic
<b>Estimated ROI:</b>	10,667%
<b>Solution:</b>	DECON™

