



SYSTEM AVAILABILITY

AutoFilt® RF4 Increases Uptime, Reduces Expenses for Automotive Manufacturer

Technical Application Bulletin

CHALLENGE

A major automotive manufacturer struggled with wear and tear on machines during the cutting and grinding of metal components. Due to contamination, the equipment required excessive element and fluid replacements. In the automotive industry, production downtime can cost roughly \$50,000 per minute, making any delays extremely costly.

APPROACH

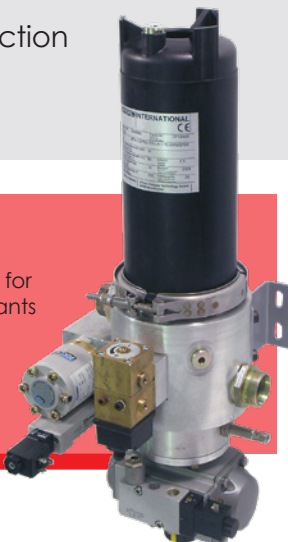
Analysis by Schroeder Industry discovered that secondary filtration protection was needed for the expensive screw pumps feeding process fluid to the machine tool lines. To protect this critical assembly, Schroeder Industries implemented an AutoFilt® RF4-1 Automatic Backflushing Filter.

RESULTS

- Self-cleaning, automatic backflushing feature of RF4 allows continuous filtration and system protection
- Downtime for repair and replacement of screw pumps minimized
- Cost reduction on new element replacements and replacement components reduced
- Machine reliability and production uptime increased, raising productivity in-plant

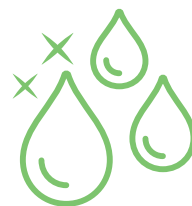
AutoFilt® RF4-1

- Self-cleaning automatic back-flushing filter for low-viscosity fluids including machine coolants and emulsions
- Fully automatic operation; no interruption of filtration during backflushing process



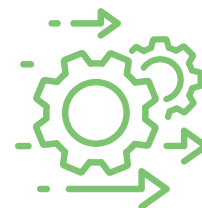
PROCESS FLUID
CONTAMINATION
INTERRUPTS PRODUCTIVITY

AUTOFILT® RF4-1
IMPLEMENTED AS
ADDITIONAL FILTRATION
PROTECTION



ELEMENT AND
COMPONENT
EXPENSES REDUCED

SAVINGS OF UP TO
\$50,000
PER MINUTE IN
REDUCED DOWNTIME



AUTOMOTIVE PLANT
PRODUCTIVITY
INCREASED

