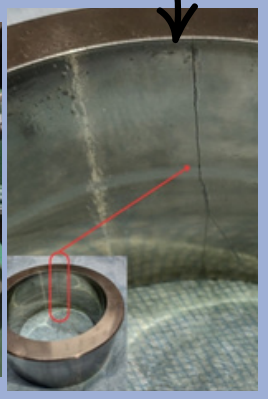
Spike Relief Success: Real Solutions for Real Problems

The Challenge

Industry: Pallet Manufacturing
Problem: Frequent pump failures and costly downtime.

- ⚠ Logs rolling back on the singulator/feeder caused intermittent pressure spikes.
- ⚠ Vane pumps failed approximately every six months, leading to expensive replacements and production delays.
- ⚠ Internal pump damage included cracked pressure rings and increased case pressure, leading to shaft seal leaks and eventual pump failure.

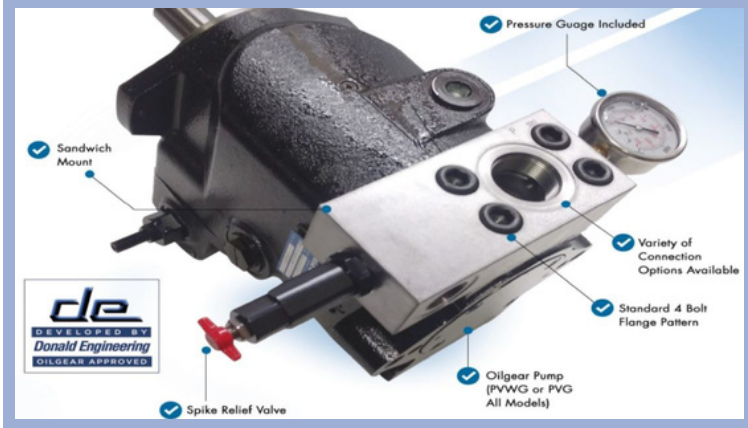
"Our operations were constantly disrupted, and downtime was becoming a serious issue."



Donald Engineering Solution

Product: Oilgear Spike Relief Valve
Implementation: Installed directly at the pump to rapidly trim pressure spikes and protect the system.

- Valve opening in approx. 2 milliseconds or quicker, effectively clipping the spike and protecting the pump/components from damage.
- Simple, effective, and tailored to the customer's application



"The spike relief valve solved the problem at its root, protecting our equipment from harmful pressure surges."

Customer Benefit

Key benefits:

- ✓ **Eliminated downtime:** No pump failures since installation.
- ✓ **Cost savings:** Reduced maintenance expenses and extended pump life.
- ✓ **Lowered the total cost of ownership:** Enhanced the systems reliability and efficiency.

"Since implementing the valve, our system has been running trouble-free. It's saved us time and money."

Let's Solve Your Challenges!

At Donald Engineering, we specialize in diagnosing and resolving complex equipment challenges. Whether it's premature pump failure or another system issue, our team is ready to deliver a customized solution that works for you.

Ask Yourself:

- ? Are unexpected spikes causing equipment damage in your operation?
- ? Do you face recurring maintenance issues that lead to costly downtime?

Contact us at sales@donaldengineering.com to schedule a **FREE** consultation with a Technical Sales Engineer!