



**THERMAL  
FLUID  
SOLUTIONS**

[www.thermalfluidsolutions.com](http://www.thermalfluidsolutions.com)

**UK Head Office:** 20 Hallsteads,  
Doveholes, Derbyshire, SK17 8BJ  
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105-606 Conifer, CO USA 80433  
**+1 346-226-4092**



TFS PRODUCT

# PUMP FOAM FIRE SUPPRESSION SYSTEM

Mitigate the risk of fire and explosion

**Pump mechanical seal failure is the most common single cause of thermal fluid incidents, often resulting in fires that cause significant operational damage. Pump protection is critical to your business. It provides exceptional value spend against risk reduction.**

The Pump Foam Fire Suppression System is a bespoke site-specific, user friendly and low cost solution offering effective fire control / prevention. The system combines preventative monitoring with active fire suppression response. Compatible with existing solutions, TFS' fire foam is a highly-efficient, biodegradable solution, with a performance guarantee.





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## FEATURES

- **Bespoke shields with deluge** (fusible tubing - bursts at the point of maximum heat)
- **Directional nozzles** aimed at high risk point sources
- Local or control room **alarm system** indicates operation
- **Smoke detector** mounting points
- **Solenoid valve** operational for E-stop or control system actuation
- **Complete connectivity** enables local or remote activation

## BENEFITS

- Autonomous, **self-contained system** for dependable operation
- 100% **Fluoro-Free**: no Fluorinated Organic Compound
- **Class 1-A** under EN 1568:2015 for hydrocarbon fires and polar solvents fires
- **ICAO Class B**
- Technology SMART FOAM – **Solvent-Free**: Chemical Oxygen Demand is reduced
- Stable as a premix solution : no settlement or decay
- **Low Viscosity**: UNIQUE Foam F3 usable with all existing dosing equipment
- Replaces need for **pump shaft guarding**
- **Retrofit installation** able to accommodate connection to other installed systems
- Compatible with existing solutions

**For peace of mind, contact us today**

Email the **TFS Team**, [office@thermalfluidsolutions.com](mailto:office@thermalfluidsolutions.com)  
or visit [www.thermalfluidsolutions.com](http://www.thermalfluidsolutions.com)