



CAT and Johnson Controls Driving World-Class Safety Solutions



INTRODUCING. . . .

ANSUL® Fire Suppression Install Program

Through a partnership with Johnson Controls and CAT® Global Mining, the Fire Suppression Install Program offers factory-installed ANSUL® fire suppression systems on select models of CAT surface mining equipment. This new program helps enhance vehicle integrity and longevity; expedites machine delivery including superior designed and installed fire suppression.

Fire Suppression Install Equipment

By purchasing CAT surface mining equipment through the Fire Suppression Install Program, you receive:

- Risk assessment, proof of design, and installation performed by CAT and ANSUL specialists
- System designed for ease of maintenance for CAT equipment and ANSUL systems while maintaining machine integrity
- Faster time to dirt via onsite approval/validation saving time and money
- Unmatched quality control from design to installation meeting CATERPILLAR specifications
- Enhanced vehicle integrity and longevity
- Superior ANSUL fire suppression systems include a 12-month warranty

Experience the ANSUL Difference

- Fire risk analysis and design performed by ANSUL and CAT professionals
- Worldwide network of Authorized ANSUL Distributors
- Superior ANSUL fire protection products
- ANSUL global support and technical expertise

How Does the Fire Suppression Install work?

With the factory-installed option, equipment is commissioned onsite by an Authorized ANSUL Distributor, reducing operation downtime by days and saving costs. In addition, the fire suppression nozzle locations and the routes of the lines and detection wires are specifically designed per Johnson Controls and CAT engineering standards and product requirements, resulting in a higher quality product.



Driving Force in Fire Protection

Select CAT models purchased through the Fire Suppression Install Program come equipped with superior ANSUL protection:

ANSUL® CHECKFIRE 210 Detection and Actuation System

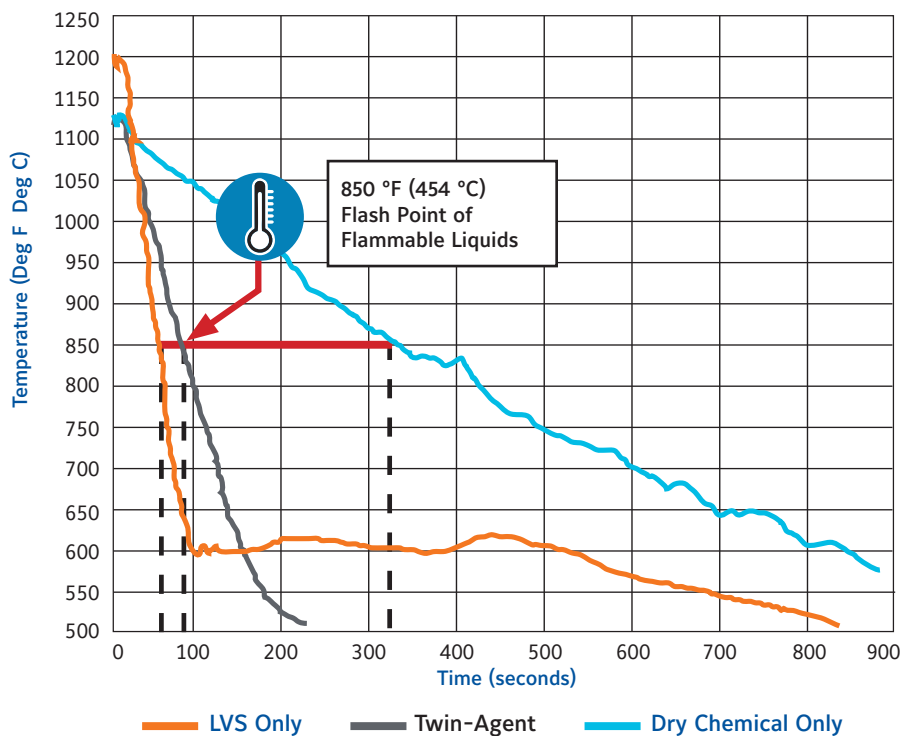
The ANSUL CHECKFIRE 210 system provides protection of various hazard areas and two independent detection circuits configurable for multiple options, including single-zone detection, two-zone detection, cross-zoned detection, discharge pressure feedback monitoring, or alarm only.

ANSUL® LVS Liquid Agent Fire Suppression System

The ANSUL LVS fire suppression agent provides both fire suppression and superior cooling of superheated surfaces while blanketing the fuel and cutting off oxygen to help prevent reflash.



See the Difference Between LVS Liquid Agent, Dry Chemical and Twin-Agent



- Cooling metal surface below 850 °F (454 °C) ignition temperature for Class B flammable liquids.
- ANSUL LVS Agent operating range -40 °F (-40 °C) to 140 °F (60 °C)
- Dry Chemical Only: 330 seconds
- Twin-Agent: < 90 seconds
- LVS Only: < 60 seconds
- Test conditions 20+ MPH wind conditions
- Test conducted on internal temperature of turbocharger.

Learn more about the benefits of the Fire Suppression Install Program by calling your local CATERPILLAR Dealer.

