

FLASH 21 OVERVIEW

Flash 21-What is it?

- Flash 21 is an iron/phosphorous-based hydrocarbon gelling agent that can be used with most available fuels
- Is much more user-friendly and efficient than previous gelling agents
- Allows burn specialists to react quickly to changing conditions in the field

Standard Packaging

Flash 21A and Flash 21B are packed in one liter (33.8 fl. Oz.) plastic bottles. There are 6 bottles of each in a case, totaling 12 bottles. Each case weighs 35 Lbs.

Storage

- Flash 21 A and B can be placed in cold storage areas, freeze/thaw cycles do not affect product performance or stability
- Storage facilities should be equivalent to a fuel storage location
- For previously frozen product, give the container a brief shake before use to remix any components that may have fallen out of suspension
- Shelf life of Flash 21 product is listed as 2 years on label, but in reality should have no limitation if stored in proper conditions - 2 years is stated out of conformity to industry standards on such claims
- Due to the corrosive nature of Flash 21, care should be taken in handling and transport

Cold Weather Mixing

- Low temperatures will result in slightly increased gelling time
- Heavier, higher flash point fuels should be mixed with 25% gasoline to increase volatility and subsequent ease of ignition - old fuel can have a negative effect on ignition
- Most volatile constituents given off over long periods of storage, affecting ignition threshold
- Old gas/Jet A (50:50) tested at +5 flash point, new fuel flashed at -29

Flash 21 Advantages

- Vastly reduced gelling times mean quicker response and less guesswork in the field
- Works well with gasoline, diesel, Jet A, Jet B, avgas, as well as ethanol blended gas
- Excellent viscosity retention of gelled fuel
- No viscosity loss at warmer temperatures as with previous generations of gelling agents
- Mixed gel left outdoors in Kamloops, BC Canada for 15 months retained its gelled state - ignition and burning occurred when tested
- No specialized equipment required for mixing, simply stir the fuel to promote gelling

In Summary

- Flash 21 represents a new generation of fuel gelling agents, and offers burn specialists unparalleled performance in the field
- Ease of mixing, no problems with product lumping and excellent viscosity retention in a wide range of conditions provides the user with a highly consistent fuel gel mixture. Flash 21 is the logical choice for all burn ops requiring gelled fuel.