



Helicopter Gel Stripping

This equipment advancement is our latest design in aerial application which greatly increases efficiencies in gel application.

- Up to ten fold increase in length of line constructed.
- Constructed line will be of uniform width & coverage level.
- **Pilot controls:**
 - Viscosity on each drop
 - Instant on/off feature of pump
 - Width of line
 - Coverage level

Bucket Blenders

- High efficiency blender designed for use with collapsible and hard sided helicopter buckets.
- Blender is located inside the bucket itself
- Is capable of mixing a custom designed load of gel for each drop, and pumping it overboard in a controlled stream.
- Overboard discharge allows for an increase in the length of treatment line by a factor of 10 or more.
- The line constructed will be of uniform width and coverage level.



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**WILDLAND
FIREFIGHTING**
with liquid polymer gels
and the latest in
blending equipment

EFS Liquid Emulsion Polymer Gel

is a state-of-the-art fire suppression water enhancer. Of today's three chemical suppression/application product groups: long-term retardants, foam fire suppressants, and water enhancers, the water enhancer group is receiving great interest from fire management.



EFS Liquid Emulsion Polymer Gel is one of the most effective water enhancers available. Its use in Helicopter buckets and fixed tanks, Single Engine Air Tankers, Water Scoopers and ground-based Fire Engines is expanding. It is the only liquid emulsion polymer gel approved by the USFS for tanked helicopters.

Because of its effectiveness and environmentally friendly ingredients EFS Liquid Emulsion Polymer Gel is successful in aerial attack as well as direct ground attack and is proving to be the future in suppressants.

Effective:

- Increases suppression effectiveness.
- Assist in the accuracy of aerial drops.
- Enhanced ability to adhere to fuels.



- Excellent structure protection.
- Within the approved mix ratio range, retains water up to 400 times its own weight.

Environmentally Friendly:

- Contains no ammonia, phosphates, or nitrogen.
- Contains no bio-available ingredients.
- Is found to be "practically harmless to young rainbow trout" on the Passino-Smith scale.



High Country Blenders

We provide precision gel blending equipment that is superior to other equipment on the market. This equipment is sized and designed to meet the needs of individual customers while producing superior gel. For the first time, Fire Managers can now access equipment providing Helicopters, Water Scoopers, Air tanker, SEATS, Fire Engines and mobile blenders with true gel blending application.

Blending Equipment Features:

- Instantly change viscosity of the delivered product.
- Blend with or without color.
- Blend a specific quantity of gel and then shut off.
- Directly fill aircraft, ground equipment and static pick up sites.

Ground-Based-Blenders

We provide custom sized and designed blenders as well as our mobile blenders are available on equipment rental agreements through the USDA Forest Service & Bureau of Land Management to meet your agency needs for strategic placement.

Helicopter On-Board Blending

Snorkel Blenders:

- Works in conjunction with a snorkel pump to create gel loads for fixed tank helicopters.
- Is compatible with most existing snorkel systems.
- Gel concentrate and colorant stores are carried on the helicopter and injected directly into the snorkel pump.
- Water enters the pump in the normal fashion, but what enters the helicopter tank, is a custom mixed, stable gel.
- We are teaming with KAWAK AVIATION in this endeavor, providing components that meet all FAA standards.

