NATIONAL INTERAGENCY FIRE CENTER
3833 South Development Avenue
Boise, Idaho 83705

9216 NFES (LLFA240000)

April 3, 2017

NATIONAL FIRE EQUIPMENT SYSTEM
CACHE MEMORANDUM NO. 17-2

To: NFES: National Interagency Support Caches

From: David Haston, Chair – NWCG Equipment Technology Committee

Subject: Fuel Geysering awareness stickers and labels

Background:
“Geysering” describes the rapid, high-energy, expulsion of fuel. It occurs when fuel in a closed (non-vented) system becomes superheated and pressurized. Under these conditions, removing a fuel cap from a partially filled fuel container or tank can result in rapid depressurization and accidental release of liquid and vapor.

Required Action and Direction:
This cache memorandum directs all National Interagency Support Caches (NISC) to place awareness warning stickers and labels on equipment as identified herein. Although not required, it is highly recommended that non-NISC caches and field units label equipment and fuel containers using these guidelines. For those outside of the NISC system, sticker and label information can be found at the end of this memorandum.

This cache memorandum includes instructions for installing 1) fuel geysering “Danger” stickers on mechanized equipment and fuel storage containers, and 2) a “Warning” label on the Chainsaw Kit (NFES 000340) carton.
**Chainsaw Kit Warning Label:**

![Warning Label Image]

**Locate label as shown on the top center of the chainsaw kit box.**
“Danger” Sticker:

Mechanized Equipment Sticker Placement:

Locate sticker as shown on NFES 000159 Chainsaw, NFES 007040 Leaf Blower, and NFES 000124 Wick 100G Lightweight Pump.
Fuel Container Sticker Placement:

Locate sticker as shown on NFES 000741 Container-Fuel/Oil, 2 Compartment; NFES 001175 Can-5 Gallon, Gas, w/o Spout, Jeep; NFES 000218 Tank, Gasoline-5 Gallon, Pump Adapted; and NFES 001535 Container-1 Liter, Fuel, Aluminum, Red Finish.
**Additional Notes:**
These label and sticker requirements will be incorporated into the refurbishment guide for the affected inventory items.

For field units with other types of equipment not identified herein, utilize similar sticker placement locations. In general, look for clean flat surfaces with good user visibility and avoid placing on corners, weld seams and maximize location for extended durability.

Sticker and label information can be provided by the NW Incident Support Cache at (541) 504-7234 or by email at ornwkcache@gmail.com.
CONTACT INFORMATION:
The NFES Chair is Matt Cnudde, 208-387-5277 or mcnudde@fs.fed.us.

The National Technology and Development Program POC is Ralph Gonzales, (909) 929–709 or rhgonzales@fs.fed.us.

/s/ David V. Haston
David V. Haston
Chair – NWCG Equipment Technology Committee

cc:
State Fire Management Officers – BLM
Regional Directors Fire and Aviation Management – USFS
National Technology and Development Program – San Dimas, Missoula
Agency Directors – NIFC
Logistics Center – NICC
John Hill – DLA
Lauren Colabelli – DLA