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EPOXY LINED
FUEL SAMPLE
SHIPPING
CONTAINERS

BULLETIN 99
(4-15)

DOUBLE COAT EPOXY LINED FUEL SAMPLE SHIPPING CONTAINERS

NOW REUSABLE

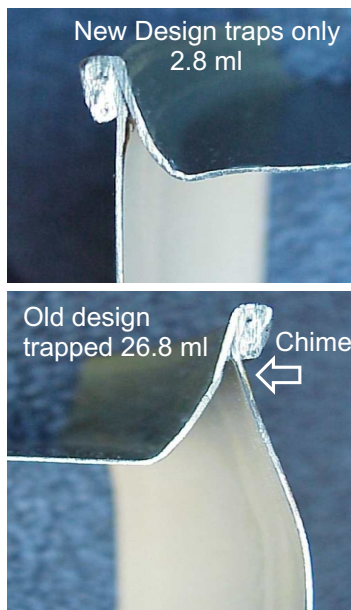
SPECIFICALLY TO TRANSPORT SAMPLES OF AVIATION FUEL FOR LABORATORY TESTING

The containers meet UN/1A1/X1.5/250/11. (The last two digits reflect the current year)

The UN standard is an international standard equal or superior to DOT 17C, and the "250" rating is an improvement over the old container.

The bung plug is epoxy coated and can be safety wire sealed.

In the photos (below, left), note that when the technician pours fuel from the container, 26.8ml of fuel and dirt particles are trapped in the chime of other containers. Ours traps only 2.8ml.



These containers have been tested in accordance with the approval procedure defined in ASTM Standard Practice D-4306. This Standard Practice recommends the use of epoxy-lined containers when any of the following ASTM Standard tests are performed on aviation turbine fuels.

- D-2624 Electrical Conductivity of Aviation and Distillate Fuels
- D-3241 Thermal Oxidation Stability of Aviation Turbine Fuels (JFTOT Procedure)
- D-3948 Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer
- D-4308 Electrical Conductivity of Liquid Hydrocarbons by Precision Meter
- D-5001 Measurement of Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE)
- D-5452 Particulate Contamination in Aviation Fuels by Laboratory Filtration

ORDERING INFORMATION

- | | |
|---|-------------------------|
| 1 gallon, 3/4" bung, handle - Model TL-2935B-4 | Shipping box TL-2935-2A |
| *1 gallon, 3/4" bung, handle - Model TL-2935C-4 | Shipping box TL-2935-2A |
| 1 gallon, 2" bung, no handle - Model TL-2935B-5 | Shipping box TL-2935-2A |
| *5 gallon, 2" bung, handle - Model TL-2935A-5 | Shipping box TL-2935-3 |
- *These models have bung plugs that can be safety wired.

IMPORTANT SHIPPING INFORMATION

The rules by IATA 1.5 and 49 CFR 172.700 by the US Department of Transportation require that any employee who offers dangerous goods for shipment must be trained in all aspects of packing and labeling. Training courses are offered by many organizations. This bulletin does not purport to provide all the information that is required to prepare and ship fuel samples but it does show that we offer required decals and labels.

To ship samples of jet fuel or avgas in any of these steel containers, requires the use of a shipping box as shown under Ordering Information.

Each shipment requires a Shipping Address Label with a Red Hashed Border and a Shippers Declaration Form filled out as shown below.

The required labels for jet fuel are as follows:

- 1 Flammable Liquid Hazard Label, Class 3 (see Fig. 1).
- 1 Label worded "Overpack" (See Fig. 3)
- 2 Double Arrow packaging orientation Labels (See Fig. 2).



Fig. 1



Fig. 2



Fig. 3



Fig. 4
AVGAS ONLY

An example of the correct way to fill out the "description" portion of the shippers declaration is as follows:

Two completed and signed copies of this Declaration must be handed to the operator.		WARNING		Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.		
TRANSPORT DETAILS						
This shipment is within the limitations prescribed for: (delete non-applicable)		Airport of Departure:				
PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX					
Airport of Destination:		Shipment type: (delete non-applicable)				
		NON-RADIOACTIVE XXXXXXXXXXXX				
NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization
Un1863	Fuel, aviation, turbine engine	3	III	1 Steel Drum x 4L	355	

FOR JET FUEL — TL-9050

SUPPLIES - LABELS AND DECALS

- Includes:
- 12 Flammable Liquid Hazard Labels,
 - 12 Shipping Address Labels,
 - 12 Labels worded "Overpack"
 - 24 Package Orientation Labels

Two completed and signed copies of this Declaration must be handed to the operator.		WARNING		Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.		
TRANSPORT DETAILS						
This shipment is within the limitations prescribed for: (delete non-applicable)		Airport of Departure:				
PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX					
Airport of Destination:		Shipment type: (delete non-applicable)				
		NON-RADIOACTIVE XXXXXXXXXXXX				
NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization
Un1203	Gasoline	3	II	1 Steel Drum x 5L	353	

FOR AVGAS — TL-9051

SUPPLIES - LABELS AND DECALS

- Includes:
- 12 Flammable Liquid Hazard Labels,
 - 12 Shipping Address Labels,
 - 12 Labels worded "Overpack"
 - 24 Package Orientation Labels
 - 12 Labels "Danger-Cargo Aircraft Only" (See Fig. 4)