FUEL RETENTION SAMPLE CONTAINERS

- **HEAVY DUTY TINPLATE CONSTRUCTION.**
- **EPOXY LINED INTERNALLY.**
- **TRISURE 50MM CLOSURE.**
- **WIRE/LEAD SEALABLE.**
- **APPROVED BY THE MAJOR FUEL SUPPLIERS.**
- **UN CERTIFIED FOR TRANSPORT BY AIR.**

Introduction.

Oil company and national regulations require that aviation fuel samples are retained for a specified period of time, so that in the event of fuel quality being questioned a representative fuel sample can be subjected to a full laboratory analysis. In addition it is normal practice to carry out a laboratory analysis on 'soak test' fuel samples from newly constructed fuel storage tanks and refuelling systems.

Description.

It is therefore essential that suitable containers are available in which to store and transport these fuel samples.

The containers must of course not affect the properties of the fuel inside but also must be of a sufficiently high quality to safely contain such a potentially hazardous material either during storage or transportation.

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Our Sample Retention Containers are constructed from heavy duty tinplate/Steel and are available in two sizes, 1 litre and 5 litre capacity. The 5 litre capacity in turn is available in 2 variants of differing heights and diameters. These containers are lined internally with a highly flexible epoxy material which is tested and type approved for fuel resistance by the major oil companies, and which will not crack when the container is subjected to external impact. Tinplate/Steel containers are preferred to glass jars for sample storage because of their superior mechanical properties but also because prolonged exposure to daylight can affect the properties of the fuel sample.

All seams are either welded, soldered or double rolled and the containers are fitted with a 50mm diameter 'Trisure' closure for maximum leak tightness, which also has the provision for the closure to be wire/lead sealed. In addition the 5 litre size is fitted with a hinged carrying handle.

The containers are UN certificated for carriage by airfreight when used with the correct outer packaging, and are subjected to all the pressure and mechanical testing which accompanies this certification process.

Packaging.

To complement our range of Sample Retention Containers, Aljac Fuelling Components also supplies custom made fibreboard cartons to suit our 1 litre and 5 litre container which is UN approved for transportation of the containers by air, and the carton is supplied printed with the required hazardous goods markings and UN packaging specification.

Customers should however check individual airline and national regulations to ensure that the packaging is acceptable to the carrier and to establish any additional labelling requirements. Details of the exact fuel type and of the specification of the inner packaging (1A1) are known to be required on the outside of the carton in addition to the pre-printed markings. Vermiculite absorbent loose fill material is also available in 8 Kg bags should this be required.

How to Order.

Aljac Fuelling Components holds these items in stock, so simply quote the relevant part numbers and quantities required.
1 litre Sample Retention Container:- 0902000050.
5 litre Sample Retention Container:- 0902000058 or 0902000060.
Transit Carton for 1 litre Sample Retention Container:- 0902000051.
Transit Carton for 5 litre Sample Retention Container:- 0902000059 (to suit 0902000058) or 0902000061 (to suit 0902000060).
Vermiculite absorbent loose fill for Transit Carton, 8 Kg pack:- 0902000062.

Specification.

1 litre Sample Retention Container, 0902000050.
Construction:-
E28 tinplate Steel cylindrical drum with flat ends, soldered seams, internally lined with epoxy lacquer, externally self colour, fitted with Trisure wire sealable 50mm closure.
Testing:- Pressure tested to 1.0 bar.
Dimensions:-
Diameter 115mm, overall height 135mm, nett weight (empty) 0.4Kg.

5 litre Sample Retention Container,
Construction:-
22 SWG Steel cylindrical drum with flat ends, welded side seam, end seams double rolled and solutioned, internally lined with epoxy lacquer, externally painted blue with UN packaging specification in white, fitted with hinged carrying handle and Trisure wire sealable 50mm closure.
Testing:- To UN/ICAO specification 1A1.
Dimensions:-
0902000058. Diameter 182mm, overall height 260mm, nett weight (empty) 1.05Kg.
0902000060. Diameter 210mm, overall height 220mm, nett weight (empty) 1.43Kg.