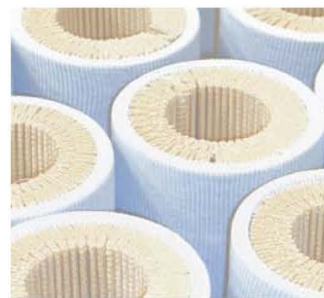




**quality guarantees safety**





## Who we are?

The FAUDI company was founded in 1938 by Fritz Faudi and has been continuously involved in the filtration and separation of industrial liquids, gases and aviation fuels.

We are an active, world-wide company, well known in the field of aviation fuel filtration.

With 60 years of experience and modern production methods, FAUDI Aviation offers highly efficient and cost effective solutions to a range of filtration and separation problems. To help solve these problems FAUDI Aviation assembled an extremely motivated and highly experienced workforce of engi-

neers, technicians and designers to enable us to carry out projects meeting all customer requirements and standards both national and international.

FAUDI Aviation employs 40 people ready and able to assist with whatever filtration or separation problems or requirements you may have. FAUDI Aviation also benefits from having the largest, most modern civil Aviation Fuel Test Rig of its kind, enabling continued product development and dynamic testing under controlled conditions of filter elements and systems designed to meet our customers needs.

## Our strengths

- Specific know-how (API/IP Approvals, Military Approvals etc.)
- Total quality
- Customer-orientation and readiness for performance
- Competitive prices
- Delivery date loyalty
- Service orientation





## Clean and dry Aviation Fuel for safe flying

The safety of aircraft depends upon the cleanliness of its fuel. Uncontaminated aviation fuel is taken for granted. Blocked fuel lines are virtually unknown and have rarely been blamed for crash.

### What is clean dry fuel?

1. Fuel free from particulate and water contamination
2. Fuel having a clean and bright appearance



### What are most common contaminations found in Jet Fuel?

1. Water (dissolved water, free water)
2. Solids (rust, dirt)
3. Micro-organisms
4. Surfactants

### How does fuel get contaminated?

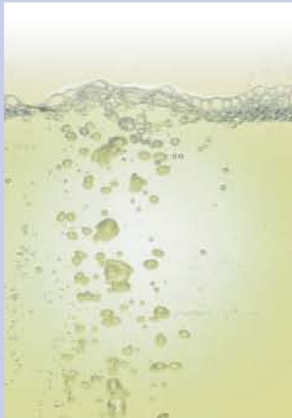
The movement of fuel from the refinery to the aircraft offers a lot of opportunities for various types of contaminants to enter the fuel system. Tankers, barges, rail and pipelines are the most common means of transporting fuel from the refinery to the terminal storage facilities.

From there to airport storage by rail, truck or pipeline. Finally, the aircraft is fuelled by refueller truck from airport storage or by hydrant cart from a hydrant system.

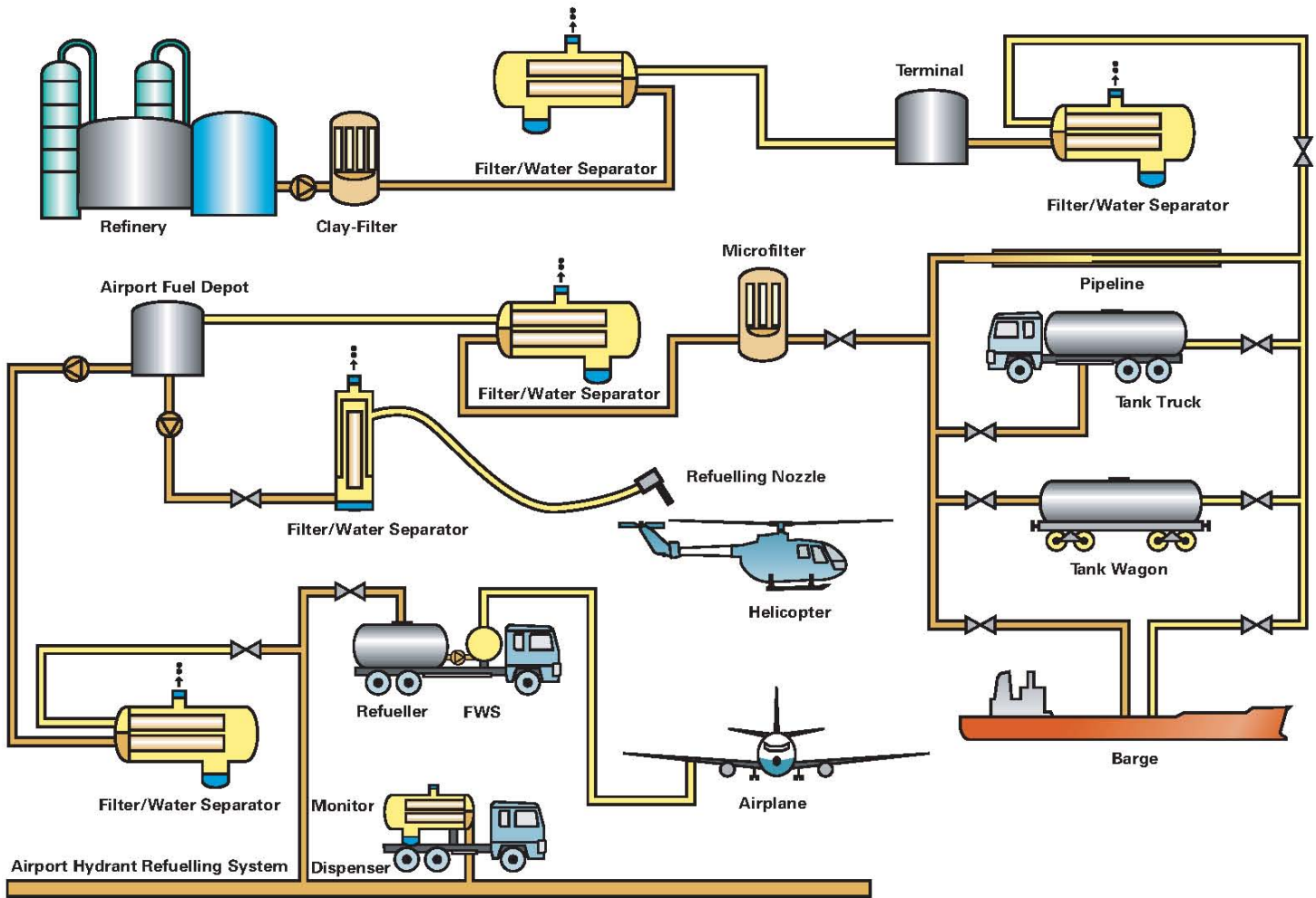
Each time the fuel is transported or stored, contamination may occur even though precautionary measures are taken.

The removal of dirt and water from a jet fuel supply is a continuous battle up to the point where fuel is burnt in the aircraft engine.

FAUDI Aviation high quality filters are a primary defence against dirt and water contamination.



# Filtering danger from Aviation Fuel



## “prevention is better than cure”

As the diagram shows, there are filter water separators, microfilters, clay filters and monitor filters at every transfer point from refinery to aircraft. This filtering process ensures that fuel is free from dirt and undissolved water which could freeze and block the supply system. It also protects parts from dirt, corrosion and the growth of micro-organisms.

# FAUDI Aviation Product range



Coalescer elements for filter water separator, 1st stage in various diameters, lengths and different designs. Separator elements for filter water separators, 2nd stage in different measurements and sizes.

## FAUDI Aviation Filter Water Separators

When high efficiency filtration and separation is required. Filter water separators are fitted with coalescer and separator elements and used on aircraft refuelling vehicles, hydrant dispensers, fixed fuelling installations and tank farms.



Replacement elements for microfilters in various dimensions and for various specifications

## FAUDI Aviation Microfilters

These high efficiency filters are used wherever there is a demand for high quality, economic and reliable filtration. They continuously remove fine particulate such as rust, dirt, sand and pipe scale from aviation fuel systems.



Various replacement elements for clay filters

## FAUDI Aviation Clay Filters

The main function of a clay filters is to remove unwanted surface active agents, colourings and other additives which may be present.



2" and 6" monitor replacement elements in different sizes

## FAUDI Aviation Monitor Filters

They are simple compact units which can be easily installed and serviced. They are developed in particular for mobile fuelling installations. Monitor elements fulfil several functions which provide an important contribution to aircraft safety. They absorb free and emulsified water to levels less than 5 ppm and remove ultrafine solid particulate and in the event of a localised slug of water safely shut down the system flow, ensuring only supplies of clean dry fuel.