



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 aviation fuels, industrial liquids and gases.

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

With over 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

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



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

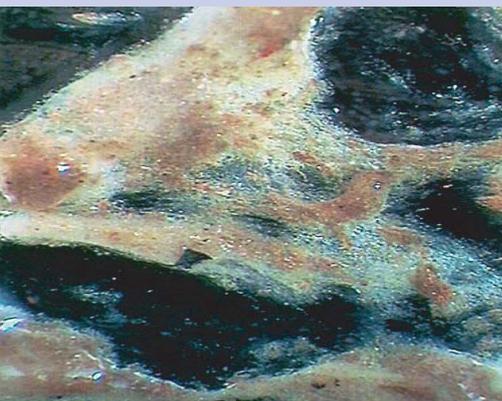
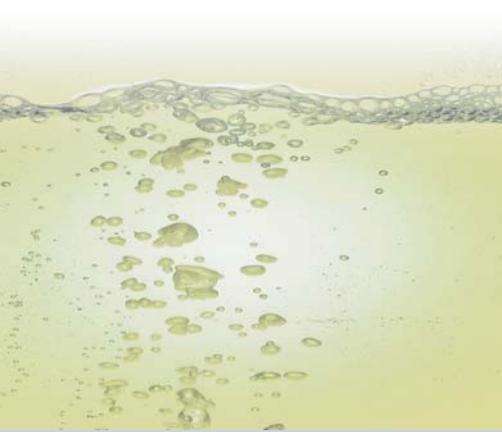
How does fuel get contaminated?

The transport of fuel from the refinery to the aircraft offers a lot of opportunities for various types of contaminants to enter the fuel system. Tank trucks, barges, tank wagons and pipelines are the most common means of transporting fuel from the refinery to the terminal storage facilities.

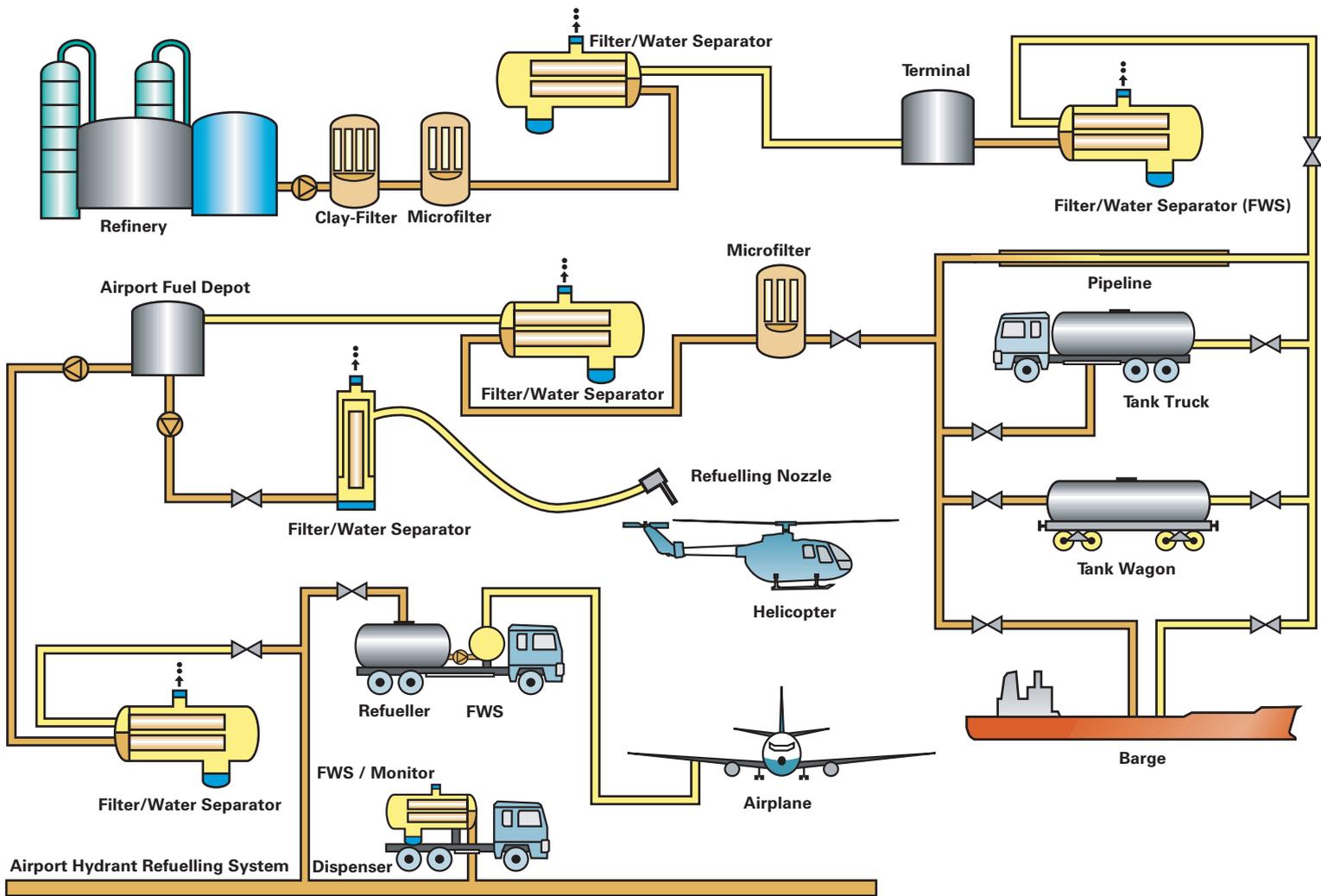
Finally, the aircraft is fuelled by refueller truck from airport storage or by hydrant cart from a hydrant system.

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 / turbine. FAUDI Aviation high quality filters are fighting 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 the refinery to the 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 separators, 1st stage in various lengths and different designs.
Separator elements for filter water separators, 2nd stage in different measurements, sizes and various specifications.

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, tank farms as well as refineries.



Replacement elements for microfilters in various dimensions and filtration grades 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.



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 and remove ultrafine solid particles and interrupt the flow in case of a water slug. It is thus ensured, that the airplanes are only refuelled with clean and dry fuel.