



FAI FILTRI HYDRAULIC FLUIDS

High-Quality,
Long-Lasting Lubricants
for Hydraulic Systems



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Hydraulic Fluids

Protect your hydraulic equipment, reduce maintenance costs and minimize downtime — all without compromising on quality. Fai Filtri's premium hydraulic fluids are formulated to provide the highest level of performance, protection and fluid life, even in the harshest conditions.

Biodegradable Hydraulic Fluids

Fai Filtri's biodegradable hydraulic fluids offer something not found with most competitive formulations: Our fluids provide an ideal combination of unsurpassed service and environmental responsibility, offering biodegradability without giving up any lubrication protection, performance or longevity.

With our biodegradable hydraulic fluids, you enjoy the following advantages:

Long-Lasting Protection for Hydraulic Equipment

Through the use of full-synthetic base stocks, Fai Filtri's hydraulic fluids offer biodegradability without any of the drawbacks of vegetable-oil-based hydraulic fluids. As they degrade, vegetable-oil-based hydraulic fluids' ability to lubricate and protect significantly decreases. Fai Filtri's biodegradable hydraulic fluids resist this thermal degradation and maintain their lubricating properties throughout their fluid life.

Extended Fluid Life for Less Frequent Change-Outs

Fai Filtri's fluids have a very long fluid life due in part to their excellent oxidative resistance. Vegetable-oil-based hydraulic fluids have a very short fluid life because they quickly degrade when exposed to high temperatures (oxidation). (See Figure 1.)

Protection Against Carbon and Varnish Buildup — Saving Time and Money on Maintenance

Our fluids offer excellent carbon and varnish control, leading to decreased maintenance costs and downtime. Vegetable-oil-based hydraulic fluids offer poor resistance against carbon and varnish formation.

Resistance Against Water Contamination

Fai Filtri's fluids have been formulated to resist water contamination. Minimizing water contamination helps preserve the protective capabilities and lasting potential of the fluid, which in turn means better, longer-lasting wear protection for hydraulic equipment. Vegetable-oil-based hydraulic fluids form a cloudy or milky mixture with water (known as an emulsion) when the two come in contact, making the removal of excess water very difficult.

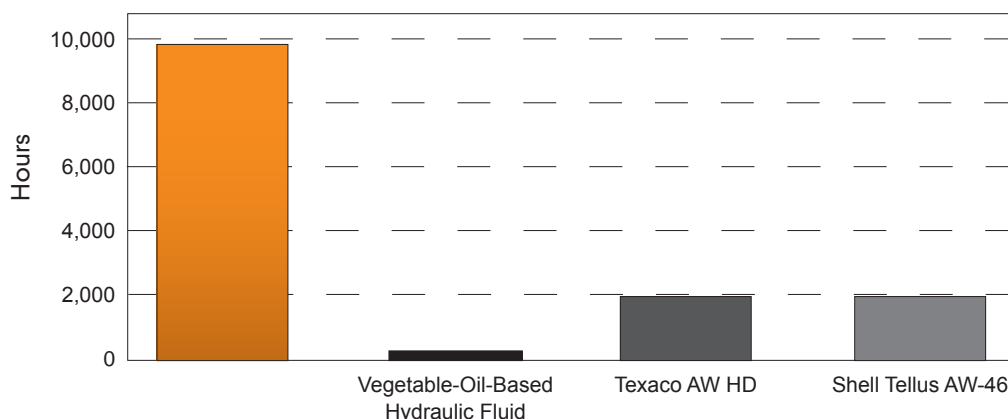
Compatibility Means Freedom from Flushing

Our biodegradable hydraulic fluids meet or exceed OEM specifications of many manufacturers including Vickers, Racine, Cincinnati, Denison and more. These fluids are compatible with virtually all petroleum-, vegetable-oil- and ester-based hydraulic fluids. Flushing is not required to switch to any of Fai Filtri's compatible biodegradable hydraulic fluids.

Safer to Use than Conventional Hydraulic Fluids

Non-toxic and non-hazardous as well as biodegradable, these fluids are safe to use in a wide variety of environmental conditions.

Figure 1: Resistance to Oxidation (ASTM-D-943)



Hydraulic Fluids

Series F2284 – Biodegradable Hydraulic Fluid

- Exceptional wear protection and lubricity
- Long fluid life for extended oil drains
- Maintains fluidity at low temperatures to ensure proper fluid performance in even the harshest conditions

Series F6284 – Enhanced Biodegradable Hydraulic Fluid

- Ester-based formulation for enhanced biodegradability
- Superior wear protection and lubricity
- Long fluid life for extended oil drains
- Upholds fluidity in cold temperatures for reliable performance in extreme climates
- Minimizes carbon and varnish formation for reduced maintenance costs and downtime

Series F2589 – High-Dielectric Enhanced Biodegradable Hydraulic Fluid

- Ideal for applications near high-voltage sources
- Formulated for exceptional safety, lubricity and wear protection
- Ester-based for enhanced biodegradability
- Minimizes carbon and varnish formation for reduced maintenance costs and downtime

Series F2384 – Multi-Viscosity Biodegradable Hydraulic Fluid

- Designed for exceptional performance and protection in a wide range of operating temperatures
- Resists water contamination even in extreme humidity

Fire-Resistant Hydraulic Fluids

Fai Filtri's fire-resistant hydraulic fluids are formulated to combine excellent fire resistance with superior lubrication and protection at high temperatures and pressures. They resist ignition when subjected to high-pressure hydraulic leaks, significantly reducing fire-hazard risk. With their superior oxidative resistance, these fluids have a long fluid life, even in extreme conditions.

Series F2584 – Fire-Resistant Hydraulic Fluid

- Excellent lubricity
- High flash point for added safety in extreme conditions
- Exceptional thermal and oxidative stability for long fluid life and extended oil drains
- Very low vapor pressure

Series F2584-FG – Food-Grade Fire-Resistant Hydraulic Fluid

- Food-grade formulation, meets H1 requirements (incidental food contact)
- High flash point for added safety in extreme temperatures
- Long fluid life for extended oil drains
- Excellent wear protection



F2284 – Biodegradable Hydraulic Fluid



F6284 – Enhanced Biodegradable Hydraulic Fluid



Vegetable-Oil-Based Hydraulic Fluids

Hydraulic Fluids

Food-Grade Hydraulic Fluids

Fai Filtri's food-grade hydraulic fluids are ideal for use with equipment in food-processing facilities. These fluids are formulated for optimum equipment operation, efficiency and longevity.

Series F2288 – Food-Grade Hydraulic Fluid

- Meets H1 requirements (incidental food contact)
- Protects against wear, rust and corrosion
- Long fluid life for extended oil drains

Leak Stop

Series F4073 – Universal Seal Leak Stop

- Formulated to stop and prevent leaks around seals, gaskets and hoses
- Will not compromise performance of hydraulic pumps
- Compatible with POE-, PAG- and mineral-oil-based hydraulic fluids



About Fai Filtri

Fai Filtri is your complete, comprehensive lubricant solution. Look no further than Fai Filtri for the best lubricants on the market, industry-leading customer service and excellent value. Fai Filtri offers you:

Formulations customized to your specific needs — Fai Filtri utilizes a revolutionary production process to custom-blend lubricant formulations to meet your specific demands, customer operating conditions and technical requirements. With Fai Filtri, you never have to settle for less than exactly what you and your customers need.

Performance you can count on — At Fai Filtri, we work closely with customer feedback, engineers and industry experts to create our formulations to meet or exceed the challenging, real-world conditions your customers will experience — not just the controlled conditions of a laboratory. Our lubricants are proven to provide unsurpassed performance, protection and fluid life.

Unparalleled services to help you sell the best products

— Take advantage of Fai Filtri's full suite of distributor-focused services, including:

- **Online lubricant order management**, allowing you to place orders, track shipments, access labels and more, 24/7 — all from our secure website
- **Complimentary private labeling** to help you promote, sell and distribute your selected products as your own exclusive brand
- **Your choice of packaging sizes** from small bottles to large totes
- **Fast order turnaround**, typically within 48 hours
- **Industry-leading technical** support for expert assistance when you need it

How May We Help You?

Fai Filtri can provide you with the ideal hydraulic fluid based on your customers' specific needs. For more information about these or any other Fai Filtri products, please consult a Fai Filtri representative. He or she can help you make an appropriate choice.

