



Aviation Fuel Performance Additive

Turboline®FS100 is a high-temperature **fuel stabilizer** and **detergent** additive designed to **minimize carbon** or **coke deposits** in turbine fuel combustion systems. Combined with antioxidant and metal deactivator additives, **Turboline®FS100** is a **multi-functional** product that is formulated with the same **detergent technology** used by the **U.S. Air Force** in the JP-8+100 program. The JP-8+100 program was a study conducted by the U.S. Air Force in the 1980's to determine the effects of higher heat loads generated by new propulsion engines which were designed to power the next generation of fighter aircraft. **Turboline®FS100** is an additive which **addresses the problems of high-temperature fuel combustion**.

When jet fuel is exposed to **increased temperatures**, chemical reactions cause **carbon** and **coke** build-up on metal surfaces which can lead to poor fuel atomization, distorted fuel spray and an overall **drop in engine performance**. **Turboline®FS100** prevents this problem.

In dirty systems, **Turboline®FS100** first **stops** reactions that cause **carbon** and **coke build-up** as the fuel is heated. **Turboline®FS100** also binds to existing carbon-on-metal surfaces and creates a **cleaning action** as the additive flows through the system. This two-fold action cleans turbine systems and keeps them clean.

Turboline®FS100 is readily soluble in jet fuel. Batch blending into the fuel is acceptable, but the best procedure is proportional injection. **Turboline®FS100** is **completely compatible** with other fuel system additives such as FSII and **Biobor JF®**, the worldwide leading fuel biocide.

Turboline®FS100 is **fully approved** for all operators using **GE, Pratt & Whitney, Honeywell** and **all variants of the Turbomeca Arriel 1 & 2 engines**. For a complete list of aircraft engine and airframe manufacturers approving of the use of **Turboline®FS100** please see the reverse side of this document.

Contact **Hammonds Fuel Additives, Inc.** for **Turboline®FS100** pricing and delivery information. For more information please call a **Hammonds Fuel Additive Specialist** at (800) 548-9166 or visit our website www.hammondscos.com.



Available in:
16 oz bottles,
5 gallon pails
and 55 gallon
drums



Turboline® is a high temperature **fuel stabilizer** and **detergent** for aviation fuel.

- ✓ Maintains **engine power** levels longer
- ✓ **Less soot** and **coke** in combustor
- ✓ **Fewer fuel nozzle cleanings**
- ✓ **Reduces operating expenses**
- ✓ **Lowers maintenance costs**
- ✓ **Improves aircraft availability** and **flight safety**

—Recommended Treatment Level for **Turboline®FS100**—
8 oz. **Turboline®FS100** treats 100 gallons of fuel



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