

LEAK DETECTION DYES

SPECTROLINE® Fluorescent Leak Detection

How it works

Just add a small amount of fluorescent dye to the system and let it circulate. The dye/fluid mixture escapes with the host fluid wherever there is a leak and glows brightly when inspected with a Spectrolin® high-intensity UV inspection lamp.



Myths

- Hydraulic systems are supposed to leak
- Dyes cost too much
- Hard to implement in fluid systems



Benefits

- Fast, easy and accurate
- Finds all leaks —the first time, every time
- Economical
- Reduces labor costs
- Perfect for preventive maintenance
- Environmentally friendly
- Safe
- Improves working conditions
- Decreases equipment downtime
- Increases efficiency of flight operation

AD-8609

Aero-Brite™ Universal Fluorescent Leak Detection Dye *Locates all leaks in petroleum- and synthetic-based aviation fluid systems!*

Checks an entire system in just minutes!
Ideal for use as part of a diagnostic/preventive maintenance program for commercial and military aircraft fuel and fluid systems!
Meets Mil Spec MIL-PRF-81298E, Type III, Yellow/Green Fluorescent for aircraft fuel systems.



- **FAST**— The quickest way to inspect for leaks in aircraft fuel, lubrication and hydraulic systems.
- **SAFE** — Specially formulated to accommodate the host fluid. Will not damage the fluid properties or any of the system components.
- **VERSATILE** — Allows inspection of the entire system under virtually all operating conditions. Ideal for both in-flight and static testing.
- **COST EFFECTIVE** — Super-concentrated. Use less per dose!
- **FLUORESCES BRILLIANTLY** — Leaks glow a bright **green** under UV light.

Available in 8 oz (237 ml), 16 oz (473 ml) and 32 oz (946 ml) bottles, and 1 gallon (3.8 L) containers. (Part Nos. AD-8609-0008, AD-8609-0016, AD-8609-0032 and AD-8609-0100, respectively.)

Also available: SP-8609-0100 fluorescent leak detection dye for aircraft fuel systems (NSN: 6820-01-386-8609). Can also be used to locate hydraulic and engine oil leaks. Supplied in 1 gallon (3.8 L) container.

SUGGESTED DILUTION RATIOS

Host Fluid	Dye Amount
Jet Fuel (static)	2.0 oz (59 ml) dye per 100 gals (379 L)
Jet Fuel (in-flight)	1.6 oz (47 ml) dye per 100 gals (379 L)
Hydraulic Fluid	0.25 oz (7.4 ml) dye per 4 gals (15.1 L)
Engine Oil	0.25 oz (7.4 ml) dye per 1 gal (3.8 L)