

SHERLOCK 5-Second Leak Detector
Type I And II

For OXYGEN leak-testing. Made to Air Force Spec. MIL-PRF-25567

Type I - For use from +35 Deg. F To +160 Deg. F (+1 Deg. C to +70 Deg. C)

Type II - For use from -65 Deg. F To +35 Deg. F (-54 Deg. C to +1 Deg. C)

What it is:

A neutral solution formulated specifically for leak-testing lines, cylinders and tanks carrying pure oxygen, but also used widely for testing fuel tanks, pneumatic systems – in fact any product or system that can be leak-tested with air or gas pressure.

Oxygen compatible:

Contains no oil, grease or any other ingredient that could combine with pure oxygen to form either a flammable or explosive mixture. Thoroughly tested and approved by both governmental and commercial laboratories, including the “bomb” test with high-pressure pure oxygen.

How it works:

Apply to connection or surface suspected of leaking and watch for bubble clusters. Fine leaks form white foam which builds up for ten minutes or more, making detection sure and simple. Large leaks form clusters of large bubbles immediately on application.

Many applicators available:

4 oz. and 8 oz. plastic squeeze bottles. 8 oz. plastic bottles with dauber-cap. Fluid also available in bulk quantities; single gallons, 5-gallon cans and 55-gallon drums to be used with Winton Hand Sprayer or Tank Sprayer.

For leak-testing small connections, we recommend using squeeze bottles or dauber-cap. Finding small leaks on large surfaces or a hard-to-reach location, the spray method is quickest and most efficient. At welded or riveted seams that might contain fairly large leaks, flow the liquid on slowly with a wide brush so that the brush bristles partially close up the larger leaks. Do not brush up a “lather”. Always apply the fluid as a clear liquid.

Dries clean:

Leaves no greasy residue. Rarely does it have to be removed after testing. Should it have to be removed, it can be done simply by spraying or washing with plain cold water.

Extremely accurate:

In the refrigeration field, for instance, leaks are being pin-pointed that lose Freon at the rate of only one pound in 100 years.

Widely used:

By air bases, aircraft manufacturers, missile manufacturers, oxygen manufacturers and makers of aircraft components.

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(America's largest manufacturer of chemical-type leak detectors.)

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