

SafetyBlu™ Inspection Kit Detects Hydraulic Fluid

Injection Injuries and Reduces Operating Costs

Westbury, New York — Alerton International has introduced the **SafetyBlu™ SB-450 Blue Light Inspection Kit**, featuring a portable, high-intensity blue light (450 nm) LED flashlight. Used in conjunction with the company's revolutionary **FluidSafe™** fluorescent additive, the SB-450 kit locates hydraulic fluid leaks early on. This can help prevent injection injuries to mine workers, and also reduces fluid consumption by 5% to 7% annually.

When added to the reservoirs of hydraulic machinery, FluidSafe aids in the detection and surgical removal of hydraulic fluid in the event of an accidental fluid injection that penetrates the skin. When viewed under the SafetyBlu lamp's high-intensity blue light, the additive's bright green fluorescent glow pinpoints the injection track quickly and accurately. This makes it easy for medical personnel to confirm whether a penetration actually occurred, and if so, to precisely determine the extent of the injury.

The SafetyBlu flashlight is also very effective in detecting fluid leaks in hydraulic system hoses, fittings, seals and other components. This allows small leaks to be repaired before they lead to catastrophic failures. It also lowers operating costs by reducing the loss of hydraulic fluid.

The lamp features a rugged, anodized aluminum body, which reduces corrosion and stands up to years of heavy use. Powered by a rechargeable NiMH battery, it provides 90 minutes of continuous inspection between charges. The LED has a 100,000-hour service life.

In addition to the SafetyBlu flashlight, the SB-450 kit comes complete with smart AC and DC chargers, yellow fluorescence-enhancing glasses and a belt holster. All components are packed in a padded carrying case.