

## HELLING Starter Kit Leak Testing

Art. no. 616.000.053



100 ml  
Fluo H 800 Konzentrat  
auf Ölbasis  
Fluorescent oil-based  
concentrate



UV hand lamp  
UV-Inspector 520-LT

*Special action!*  
*Valid until end of October 2020*  
*€ 275.00 free delivery\*)*

UV protective glasses and  
UV protective gloves



Leakages can occur e.g. at

- Cooling or hydraulic systems
- Gears
- Oil and fuel tanks, pipelines or pumps

Furthermore, leakages can result among others from pressure or temperature stress. They reduce the productivity of facilities, and affect their safety and the environment disadvantageously.





Leakages from smallest material separations can be detected reliably and quickly with help of the **HELLING-Fluo-H800-Oel** concentrate.

### Application

- Add the yellow fluorescent concentrate **FLUO H 800 Konzentrat auf Ölbasis** to the operating liquid of the inspected facility system. Depending on the colour of the oil or the fuel, 0.5 ml – 2 ml per liter should be added.
- After a certain pressure dwell time visual testing is performed with respect to leakages. For this purpose the facility components under inspection are irradiated with the HELLING UV LED lamp **UV-Inspector 520 LT**.
- Because of the added concentrate the operating liquid which leaks out through leakages generates high-contrast yellow fluorescent indications.

\*) Free delivery valid only in Germany

## HELLING Starter Kit Leak Testing

 <b>UV-Inspector 520-LT</b> UV LED hand lamp		 <b>Fluo H 800 Konzentrat auf Ölbasis</b> Fluorescent oil-based concentrate	
Operating voltage UV source LED lifetime  UV-A intensity <ul style="list-style-type: none"> <li>in 40 cm distance</li> <li>in 200 cm distance</li> </ul> Wave length Half-width of emission  Total weight Dimensions  Risk class acc. to DGZfP Guideline EM 6	4.2 V lithium ion accu 1 x UV-LED approx. 10,000 operating hours  approx. 20,000 $\mu\text{W}/\text{cm}^2$ approx. 9,000 $\mu\text{W}/\text{cm}^2$  365 nm approx. 9.0 $\pm 1$ nm  approx. 340 g $\varnothing$ 50 x 180 mm  III	<b>Consumption</b> per liter Optimal wave length for stimulation Colour under UV-A irradiation  <b>Application:</b> Hydraulic and gears fuel Motor oil Diesel engine oil	0.5 – 2.0 ml 365 nm  yellow  500-2,000 ppm 500 ppm 700-2,000 ppm
<b>Wearing UV protective glasses and UV protective gloves is urgently recommended!</b>		 <b>Millennia 2 G</b> UV protective glasses	
		Frame Lens	Nylon, black Clear, impact-free, hard coating, polycarbonate
		 <b>UV protective gloves</b> Cuff of camapren Lining Profiles Size 10, length 30 cm	

### Scope of delivery:

- 100 ml Fluo H 800 Konzentrat auf Ölbasis
- UV-Inspector 520-LT with lithium ion accu
- Charging device
- UV protective glasses Millennia 2 G
- UV protective gloves

Further products see  
[www.helling.de](http://www.helling.de)

Heidgraben, August 2020  
 Subject to technical changes