

Opti-Viewer

Neck Thread Inspection Tool



Special Features

- Ideal tool to verify Sustained Load Cracks (SLC) found by eddy current test instrument.
- Compact design allows for quick and easy viewing.
- New LED light source improves reliability and serviceability.
- Designed for best visual performance and economical value.
- Hydro package comes with two mirror assemblies to cover all cylinder sizes.

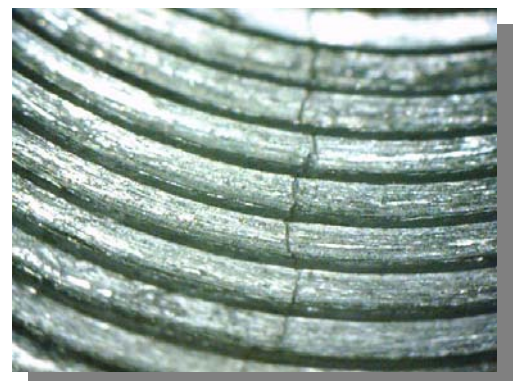


Application

The Centurion NDT Opti-Viewer is a tool which enables the user to find or verify the existence of a single or multiple sustained load cracks.

Since these cracks may be extremely difficult to see, the use of an eddy current instrument, such as the Visual Eddy, is used to first locate a flaw. If a flaw is located using the eddy current technique, the outside of the cylinder is marked with a grease pencil in the general area of the indicated flaw.

The Opti-Viewer is switched on and inserted into the cylinder. With the light source lining up with the grease pencil mark, one



looks into the viewer and attempts to visually confirm the presence of a crack. The supplied spacer rings can be used to raise the viewer for inspecting threads closer to the top of the cylinder.

The Opti-Viewer is an ideal tool to inspect the threads for dirt, corrosion, pitting and for worn or damaged threads.

The LED light source operates on a single AAA battery which is included in the kit.

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