



### 1. Fluorescence control of water based cleaning systems

The amount of oil in an oil-water based emulsion should be controlled. Over time cleaning water used for water based cleaning machines is changing into an oil-water based emulsion with a steady increase of the content of oil. For controlling the content of oil a contrast sensor type **SPECTRO-1-30-UV/VIS** is used. The sensor is positioned directly in front of an inspection glass. The signal detected from the sensor is dependent of the amount of oil in the emulsion as shown in the screen shots.

