

# Application Report light

## Oil (hydrocarbons) Traces after Heat Exchanger

### SIGRIST product

- OilGuard 2

### Industry

- Thermal power plants, hydropower plants

### Typical application

- Detection of oil traces in cooling water. Leakage can be detect at an early stage.
- Environmental protection
- The measuring point is after the heat exchanger
- Free-fall flow cell KPFLJ VA OilGuard or, for clean water, closed flow cell KPFL 30
- Filter set «NPD»
- Parameter adjustments 0..100 FLU, typical measuring range 0..5 FLU

### Use

- Heat exchanger

### Additional information

Example: The oil used for lubricating the turbine bearings has to be cooled. For cooling, untreated water is often used. This water is often taken from natural sources such as lakes and rivers. As a result of leakage, oil can enter the cooling circuit and damage the plant or pollute the environment. Monitoring the cooling water thus prevents the loss of valuable lubricating oil as well as problems with the au-thorities responsible for water protection and possible claims for damages from the public.



*OilGuard 2 with free-fall measuring cel (VA)*

