

# Application report light

## Turbidity in Plant Oil

### SIGRIST product

- TurBiScat

### Industrie

- Food industry, oil mills, biofuel industry

### Typical application

- The turbidity in plant oil is measured for product quality control.
- The production process of these oils often includes filtration. This filtration can be monitored via turbidity measurement in-line.
- Measuring range 0–4000 NTU
- Scattered light 90°/25°

### Use

- All kinds of plant oil production such as refined, unrefined, cold-pressed, natural oils.

### Additional information

Plant oils are obtained by pressing and extracting oil fruits and seeds. They are partly filtered to remove any solids contained.

Large oil mills process up to 4000 t of oil seeds per day.

Well-known plant oils:

Canola oil, olive oil, peanut oil, safflower oil, sunflower oil, hempseed oil, coconut oil, wheat germ oil, pumpkin seed oil, linseed oil, corn oil, palm kernel oil, palm oil, sesame oil, soybean oil, walnut oil.



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