

OIL-M Mineral Oil in Water

Color development: Transparent → White Turbidity

Method : Oil Concentration-Turbidimetry with PNIPAAm

Range : 5.0 — 60.0 mg/L(ppm) (resolution : 0.5 mg/L)

Reagent : WA-OIL-R

Reaction time : 0 min.

Additional tool : Water Analysis Reagent Set: Oil (Model: WA-OIL)

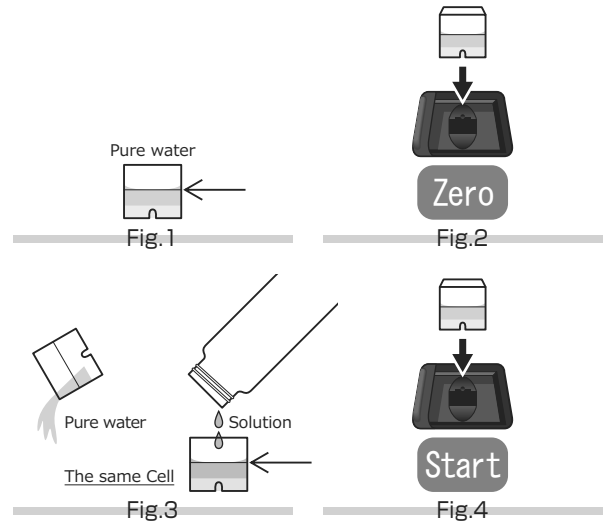
Usage : Read the instruction supplied with "Water Analysis Reagent Set: Oil".

Cell : PACKTEST Square Cup

Wavelength : 660 nm

Procedure

1. Press **[OIL-M]**.
2. Press **[OK]** to switch to the photometry window.
3. Fill the Cell with pure water (or tap water) for 1.5 mL (up to line). (Fig.1)
4. Put the Cell in the cell box and press **[Zero]**. (Fig.2)
5. Take out the Cell, discard the pure water, and fill the same Cell with 1.5mL of the solution prepared using "Water Analysis Reagent Set: Oil". (Fig.3)
6. Set the Cell in the cell box again and press **[Start]**. (Fig.4)
7. The concentration will be automatically displayed.



CAUTION

In this method, the concentration of fuel oil A, Engine oil in water is measured.

For notes on the operation, refer to the usage supplied with "Water Analysis Reagent Set: Oil".

Information on reagent

Read instruction supplied with "Water Analysis Reagent Set: Oil".

The pH of R-1 Reagent is 2 or less, and the solution is 7.