

**Instructions for:  
WP Oil and Grease (Concentrate in Acetone)**

**STANDARD DESCRIPTION**

- The WP Oil and Grease standard is provided as a concentrate that must be diluted prior to extraction and analysis.
- The WP Oil and Grease standard concentrate is prepared in acetone. As such the vial should be kept tightly capped and out of direct sunlight.
- Store the standard in the unopened vial at room temperature (~ 20 - 25°C).

**ADDITIONAL INFORMATION**

- The standard has been provided as a concentrate that must be diluted prior to analysis. We also offer a whole volume ready-to-use WP Oil and Grease standard (catalog #PT-OGR1L-WP). If you would like to order the 1 L version of this standard, please call customer service at 1-866-WibbyPT (866-942-2978).

**STANDARD PREPARATION, ANALYSIS and STORAGE**

1. For best results, the Oil and Grease concentrate should be stored near room temperature (~20°C).
2. Add approximately 950 mL of ASTM Type 1 water to a 1000 mL class A volumetric flask or to a tared sample bottle.
3. Open the vial containing the Oil and Grease concentrate and transfer exactly 10.0 mL of the PT standard concentrate to the flask. Deliver the concentrate below the surface of the water.
4. Bring the sample to a final volume of one liter with ASTM Type 1 water.
5. The standard is now ready for preparation and analysis per the selected method(s).
6. The sample should be analyzed as soon as possible after dilution,
7. Report all results in mg/L per the reporting instructions contained in this booklet.
8. Store the diluted standard and any remaining concentrate at room temperature (~ 20 - 25°C).

**CONCENTRATION RANGE and PTRL**

- After preparation per these instructions, the standard will contain Oil and Grease at a certified Concentration within the range shown.
- The NELAC Proficiency Testing Reporting Limit (PTRL) is provided as guidance when analyzing NELAC PT standards. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRL shown.

Analyte	Units	Concentration Range	PTRL
Oil and Grease (n-hexane extractable material)	mg/L	20.0 - 100	8.80