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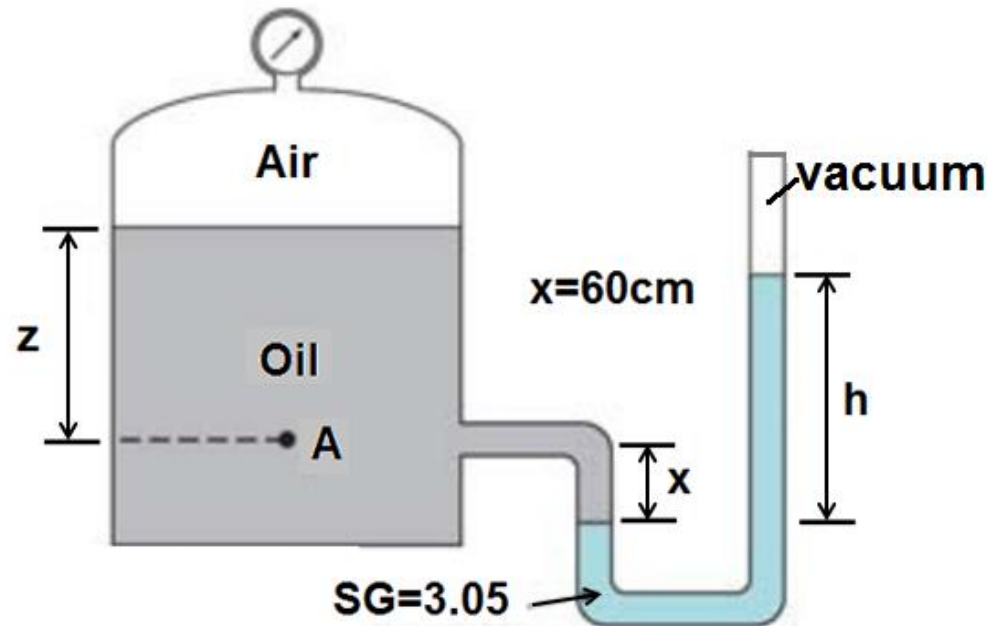
# Thermodynamics

## Chapter 1: Introduction and Basic Concepts

by

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# Quiz 1



1. Find  $z$  and  $h$  if the air pressure is  $0.07\text{bar}$ , pressure at point A is  $0.14\text{bar}$  and density for oil is  $900\text{kg/m}^3$  and other information are shown in figure above.

2. Answer question below:

(a) Find quality if the value of enthalpy is  $2500\text{kJ/kg}$  and pressure is  $15\text{bar}$ .

(b) Determine the specific volume, specific enthalpy and specific internal energy of steam at  $473.15\text{K}$  and quality is  $95\%$ .

# BFF2233 Thermodynamics

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Thank You