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hydrostatic pressure equation  $P = \rho gh$  where  $P$  is the pressure difference,  $\rho$  is the density,  $g$  is the acceleration due to gravity, and  $h$  is the height difference. Account for different fluids. The pressure difference will be the sum of the pressure differences due to the water column and the oil column, considering their respective densities. Calculate the pressure difference. Convert heights to meters, calculate densities using specific gravity and the density of water, and apply the hydrostatic pressure equation for each fluid. The difference in pressures will be the result. VI. Summary: Obtaining and utilizing a solution manual for Applied Fluid Mechanics 6th Edition can be a valuable learning tool if approached ethically and strategically. Prioritize independent problemsolving, use the manual for verification and clarification, and focus on understanding the underlying principles. Avoid plagiarism and overreliance on the manual, and remember that active engagement is crucial for maximizing its educational benefits. VII. FAQs:

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