

Animation Worksheet: Engine Oil Circulation

Name: _____ **Date:** _____

1. Proper oil flow is essential for the _____, _____, and cleaning of various engine components.
2. The _____ is the component responsible for drawing oil from the pan and circulating it through the engine.
3. To remove contaminants and metal particles, the oil must first pass through the _____.
4. The internal channels within the engine block and cylinder head that direct oil flow are called _____.
5. The _____ is the critical component that converts the linear motion of the pistons into rotational motion.
6. Oil is directed to the _____ and _____ bearings to ensure smooth crankshaft rotation.
7. _____ are located between the camshaft and the valves and require constant lubrication to operate smoothly and prevent wear.
8. In some engines, _____ lifters use oil pressure to maintain zero clearance, reducing valve noise.
9. The _____ is a safety feature that allows oil to bypass a restricted filter to ensure the engine remains lubricated.
10. After the oil has circulated through the engine, it flows back into the _____ through return passages to begin the cycle again.