

Animation Worksheet: External Gear Oil Pump

Name: _____ Date: _____

1. An external gear oil pump is a type of _____ displacement pump.
2. The two main moving parts inside the pump are the _____ gear and the _____ gear.
3. The driving gear is typically powered by the engine's _____ or an electric motor.
4. The _____ is the specially designed casing that holds the gears in place and ensures they rotate within a defined space.
5. Oil enters the pump through the _____, which is the entry point from the oil sump or reservoir.
6. As the gears rotate, they create a _____ at the inlet port, which draws oil into the pump.
7. The oil is trapped in the spaces between the _____ of the gears and the pump housing.
8. The oil is pushed out of the pump and into the lubrication system through the _____.
9. Because it is a positive displacement pump, it delivers a _____ volume of oil for every revolution of the gears.
10. The pump's performance and efficiency can be affected by the _____ (thickness) of the engine oil.