The switch has been open for a long time. The switch is closed at $t = 0$. Find $v(t)$ for $t > 0$. 

The circuit diagram is shown with a switch closed at $t = 0$. The circuit consists of a voltage source of 15V, a resistor of 60K ohms, an inductor of $5H$, a capacitor of 500uF, and a voltage source of 33V.