$$T_{avg\,rotation} = \frac{1}{2} \times \frac{1}{15,000RPM} \times \frac{60secs}{1min} \times \frac{1000ms}{1secs} = 2ms$$

$$T_{avg\,transfer} = \frac{1}{15,000RPM} \times \frac{1track}{500sectors} \times \frac{60secs}{1min} \times \frac{1000ms}{1secs} = 0.008ms$$

$$T_{access} = T_{avg\,seek} + T_{avg\,rotation} + T_{avg\,transfer}$$
$$= 8ms + 2ms + 0.008ms = 10.008ms$$