The kinematic viscosity of molten CeCl$_3$, NdCl$_3$, SmCl$_3$, DyCl$_3$ and ErCl$_3$ has been measured by using a capillary viscometer. The dynamic viscosity was computed by using density data taken from the literature. The viscosity increases with going from CeCl$_3$ to ErCl$_3$. The activation energy of the viscous flow, calculated by the Arrhenius equation, rises in the same order.

Key words: Viscosity; Molten Salts; Rare Earth Metal Chlorides.