

FRICTION

Limiting Friction

Limiting friction is the point where an object under force can no longer remain stationary and begins to move.

Sliding Friction

Sliding friction is created by two surfaces sliding over each other. Sliding friction produces less friction than limiting friction.

Rolling Friction

Rolling friction is created when two surfaces are separated by rollers or balls. As only part of the roller is in contact at any one time the friction produced is less than that produced by sliding friction.

Fluid Friction

Fluid friction is created within a fluid operating between two surfaces. The amount of friction produced between the surfaces is greatly reduced by the presence of the lubricant between them.