

ABSTRACT

The present invention provides an ester compound which can be used as the additive of the lubricating oil or the base oil of the lubricating oil, and a process for preparing the same and use thereof. The ester compounds of the present invention have excellent viscosity-temperature properties and low-temperature properties and can be used as the base oil of the lubricating oil. In addition, the ester compounds of the present invention, have excellent viscosity-temperature properties and low-temperature properties as the viscosity index improver, can significantly reduce the wear scar diameter of the base oil as the anti-wear agent, can significantly reduce the friction coefficient of the base oil as the friction modifier, and exhibits excellent anti-wear and anti-friction properties.