ABSTRACT

The present invention presents a method for lubricating large slow-running marine diesel engines, ~~said diesel engines~~ having at least one cylinder~~ with~~ with~~in which cylinder~~ a piston ~~moves, said piston~~ having a ring pack~~., where~~ I~~i~~njection of lubricating oil is performed via a~~n number of~~ injection unit~~s~~ for each~~corresponding to a multiple of the~~ cylinder~~. number of the engine characterized in that~~ E~~e~~ach injection unit is controlled by a control unit~~ where a plurality of lubrication routines are stored in a memory~~. in said control unit, where~~ T~~t~~he control unit receives input either from an input station or from one or more sensors~~., where said~~ The input may determine implementation of one of a multitude of possible lubrication routines, where each lubrication routine is distinguished by a duration, a feed rate adjustment in percentage of the total needed lubricating oil amount, two or more distinct injection phases relative to the position of the piston~~.~~~~, where~~ E~~e~~ach of the two or more distinct injection phases will inject a quantity of lubricating oil expressed in percentages of the total amount of lubricating oil to be injected.