

Abstract:

Lubricating oil compositions are provided that are excellent in a resistance to oxidation without deterioration by undergoing the effect of nitrogen oxide gases and thus can retain the effect of decreasing engine friction for a long period, and said compositions being obtained by adding to a lubricating base oil a sulfurized oxymolybdenum dithiocarbamate, a zinc dialkyl dithiophosphate, sulfur compound(s), each having a certain structure, metal-based detergent(s), and a boron-containing compound, in which, based on the total weight of each of the compositions, the amount of the sulfurized oxymolybdenum dithiocarbamate-derived molybdenum is 200 - 2,000 ppm, the amount of the zinc dialkyl ditiophosphate-derived phosphorus is 0.02 - 0.15% by weight, the amount of the sulfur compound(s)-derived sulfur is 0.02 - 0.30% by weight, the content of the metal-based detergent(s) is 1 - 10% by weight, and the amount of the boron-containing compound-derived boron is 0.005 - 0.06% by weight.