

Abstract

The present invention is a hydraulic oil composition comprising blending a base oil having a sulfur content of less than 0.03% by mass, a content of saturated component of not less than 90% by mass, a viscosity index of not less than 80 and an absolute viscosity at 40 °C of 1 to 1000 mPa · s with (A) 1 to 20% by mass of a polymethacrylate-based viscosity index improver having an weight average molecular weight of 10000 to 50000, (B) 0.005 to 5% by mass of an acid amide compound, (C) 0.005 to 5% by mass of a specific acid phosphate ester compound (c-1) and/or an acid phosphite ester compound (c-2) and (D) 0.005 to 5% by mass of at least one kind selected from a polyhydric alcohol ester, an alkanolamine, an olefin sulfide and a thiocarbamate compound.

The present invention is a hydraulic oil composition satisfying energy saving properties, thermal stability (sludge resistance), wear resistance, scuffing resistance, demulsibility properties, friction-reducing properties of sliding parts and the like in a balanced manner which are demanded of a hydraulic oil.