

INCREASING THE FRICTION DURABILITY OF POWER
TRANSMISSION FLUIDS THROUGH THE USE OF OIL
SOLUBLE COMPETING ADDITIVES

ABSTRACT

A method of controlling the friction coefficient and improving the friction durability of an oleaginous composition, such as an ATF, comprising adding to the composition a combination of competing additives comprising (a) at least one friction reducing chemical additive having a polar head group other than a dialkoxylated amino group and a friction reducing substituent group, and at least one non-friction reducing additive (b) having a dialkoxylated amino polar head group and having a substituent group which has no material friction raising or lowering effect (non-friction reducing additive) on the composition.

FIGURE 1