

POWER TRANSMITTING FLUIDS WITH IMPROVED MATERIALS
COMPATIBILITY

ABSTRACT

5 A power transmitting fluid comprises a major amount of a lubricating oil and a minor amount of an additive composition. The additive composition comprises:

(a) a friction modifier of the formula:



(b) an oil-soluble phosphorus compound; and,

(c) an ashless dispersant;

15 wherein R¹ and R² may be the same or different and represent linear or branched, saturated or unsaturated hydrocarbyl groups having from 8 to 20 carbon atoms. Z represents a polyoxyalkylene segment or a polyalkoxylated alkyl amine segment. The friction modifiers provide the fluid with improved fluoroelastomer seal compatibility and enhanced copper corrosion compatibility.

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NO FIGURE