

ABSTRACT OF THE DISCLOSURE

LUBRICATING OIL COMPOSITIONS AND METHODS FOR IMPROVING FUEL ECONOMY IN AN INTERNAL COMBUSTION ENGINE USING SAME

5

A lubricating oil composition is provided which comprises (a) an oil of lubricating viscosity having a kinematic viscosity of about 2 to 10.5 cSt at 100°C and (b) a friction modifying effective amount of an ashless friction modifier comprising a reaction product of a C₄ to about C₇₅ fatty acid ester and an alkanolamine. Particularly preferred is a lubricating oil composition comprising (a) an oil of lubricating viscosity having a kinematic viscosity of about 2 to 10.5 cSt at 100°C and comprising about 55 to about 85 weight percent of a first lubricating oil, and about 15 to about 45 weight percent of a second lubricating oil wherein the kinematic viscosity of the second lubricating oil is lower than the kinematic viscosity of the first lubricating oil at 100°C; and (b) about 0.5 to about 5.0 weight percent, based on the total weight of the lubricating oil composition, of an ashless friction modifier comprising a reaction product of a C₄ to about C₇₅ fatty acid ester and an alkanolamine.

10

15

No suitable figure