

ADDITIVE AND LUBRICANT FORMULATIONS FOR IMPROVED CORROSION PROTECTION

Abstract of the Disclosure

5

A lubricated surface and method for lubricating moving parts. The lubricated surface includes a thin film coating of a lubricant composition containing a base oil of lubricating viscosity and from about 9.5 to about 25 percent by weight of an additive comprising a nitrogen containing olefin copolymer derived from an olefin copolymer having grafted thereon from about 0.15 to about 1.0 carboxylic groups per 1000 number average molecular weight units of the copolymer. The copolymer has a number average molecular weight ranging from about 10,000 to about 100,000. The amount of additive in the lubricant composition is based on a total weight of the lubricant composition.

15