

Quaternary Ammonium Salts For Use In Fuels and Lubricants

ABSTRACT OF THE DISCLOSURE

5 A quaternary ammonium salt for use in a fuel or lubricating composition
being the reaction product of the reaction of: (a) a hydrocarbyl substituted
acylating agent and a compound having an oxygen or nitrogen atom capable of
condensing with said acylating agent and further having a tertiary amino group;
and (b) a quaternizing agent suitable for converting the tertiary amino group to
a quaternary nitrogen and the use of fueling an internal combustion engine with
10 a fuel and the quaternary ammonium salt which can reduce intake valve depos-
its.