

ABSTRACT

POLYPHENOLICS AS LUBRICANT OIL ADDITIVES

A process for preparing an oligomeric phenolic detergent composition comprising contacting an oil soluble alkylphenol with an alkaline earth metal base, an alpha amino acid, and a C₁ to C₆ aldehyde, in the presence of a C₂ to C₆ alkylene glycol and a C₂ to C₄ carboxylic acid; and reacting under reactive conditions at a temperature of from 150°C to 225°C. The oligomeric phenolic detergent product can be employed in a lubricating oil.