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(54) Title: ADDITIVES AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME

(57) Abstract: Para-alkylated substituted diphenylamines are made by catalytically alkylating diphenylamine with a branched-chain alkene, such as propene, oligomer mixture in which the oligomer present in the greatest percentage has 15-24 carbon atoms. The alkylated diphenylamines are useful crankcase lubricant additives such as for reducing piston deposits and engine sludge.

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