

PROCESS FOR PRODUCING ZINC DIALKYLDITHIOPHOSPHATES EXHIBITING IMPROVED SEAL COMPATIBILITY PROPERTIES

ABSTRACT

In general terms, the present invention includes a process for producing a new zinc dialkyldithiophosphate (ZDDP) offering improved seal compatibility characteristics in engine and transmission oil packages. The present invention additionally includes zinc dialkyldithiophosphate produced in accordance with the disclosed methodologies, and oil additives, lubricants, and engines and transmission comprising the zinc dialkyldithiophosphate of the present invention.