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(54) Title: LOW ASH LUBRICATING OIL COMPOSITION

(57) Abstract: A lubricating oil composition is provided. The composition includes major amount of an oil of lubricating viscosity, or more alkaline earth metal detergent, one or more nitrogen-containing dispersant, and up to about 0.10 wt % of zinc from zinc dithiophosphate. The lubricating oil composition has sulfur content of up to 0.10 wt %, sulfated ash content of up to 0.30 wt %, and the ratio of total nitrogen concentration to total alkaline earth metal concentration from the one or more alkaline earth metal detergent is about 20 or greater.

