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(54) Title: LUBRICATING OIL COMPOSITIONS

(57) **Abstract:** A low ash lubricating oil composition is described. The composition includes major amount of an oil of lubricating viscosity, detergent system, and boron-containing additive in an amount to provide at least 100 ppm of boron to the lubricating oil composition. The detergent system includes one or more magnesium-containing detergent and optionally, one or more calcium-containing detergent. The lubricating oil composition is free of zinc and phosphorus. The total sulfated ash content of the lubricating oil composition is from 0.30 wt.% to 0.80 wt.%. The total base number of the lubricating oil composition is from 4.

