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(54) Title: METHOD FOR THE PREPARATION OF TRINUCLEAR MOLYBDENUM-SULFUR COMPOUNDS AND THEIR USE AS LUBRICANT ADDITIVES ✓ (57) Abstract Oil-soluble or oil-dispersible trinuclear molybdenum-sulfur compounds are made by reacting less than three, such as 1.5 to 2.5, preferably 2 to 2.1, molar equivalents of a disulfide with one molar equivalent of a compound containing the [Mo₃S₁₃]²⁻ ion. The trinuclear compounds include S-containing ligands that are derived from the disulfide reactant via cleavage of the disulfide bond; the ligands are bound to the core via the S atoms.		