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ABSTRACT

NON-SLUDGING, HIGH TEMPERATURE RESISTANT FOOD COMPATIBLE LUBRICANT FOR FOOD PROCESSING MACHINERY

A lubricating oil suitable for machinery which may come into incidental contact with food is described, which contains a food grade base oil and a combination of food grade additives including a thickener, an antioxidant, a rust inhibitor, an anti-wear additive, an antifoamant, optionally a metal passivator, and 0.2 wt% or less coupling agent. The lubricating oil exhibits good resistance to wear, oxidation and rust, and reduced sludging at equipment surface temperatures of about 200°F and higher.