

Title (en)
HIGH-TEMPERATURE LUBRICANT FOR THE FOOD INDUSTRY

Title (de)
HOCHTEMPERATURSCHMIERSTOFF FÜR DIE LEBENSMITTELINDUSTRIE

Title (fr)
LUBRIFIANT HAUTE TEMPÉRATURE POUR L'INDUSTRIE ALIMENTAIRE

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Abstract (en)
[origin: WO2016096075A2] The invention relates to a food-grade high-temperature lubricant, in particular a high-temperature oil or a high-temperature grease comprising the following components: a) at least one oil selected from a trimellitic acid ester or a mixture of various trimellitic acid esters, alkyl aromates, preferably an aliphatically substituted naphthalene or estolidene; b) a hydrogenated or fully hydrogenated polyisobutylene or a mixture of hydrogenated or fully hydrogenated polyisobutylene; and c) additives, individually or in combination with each other. In the case of the high-temperature grease, a thickening agent is added.

Abstract (de)
Die Erfindung betrifft einen lebensmittelverträglichen Hochtemperaturschmierstoff, insbesondere ein Hochtemperaturöl und ein Hochtemperaturfett umfassend folgende Komponenten: a) mindestens ein Öl ausgewählt aus einem Trimellitsäureester oder einem Gemisch aus verschiedenen Trimellitsäureestern, Alkylaromaten, vorzugsweise ein aliphatisch substituiertes Naphthalin oder Estoliden; b) einem hydrierten oder vollhydrierten Polyisobutylen oder einer Mischung aus hydrierten oder vollhydrierten Polyisobutylen und; c) Additive einzeln oder in Kombination. Im Fall des Hochtemperaturfetts wird ein Verdickungsmittel zugegeben.

IPC 8 full level
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