

Title (en)
HIGH TEMPERATURE LUBRICANTS

Title (de)
HOCHTEMPERATURSCHMIERSTOFFE

Title (fr)
LUBRIFIANTS HAUTE TEMPÉRATURE

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Abstract (en)
[origin: WO2016096074A2] The invention relates to a food-compatible high-temperature lubricant, in particular a high-temperature oil and 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 estolide; b) a hydrogenated or fully hydrogenated polyisobutylene or a mixture of hydrogenated or fully hydrogenated polyisobutylene and; c) additives, individually or in combination. 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.

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