Technical Data Sheet

RIPRESS SYNT FOOD 320

PAO synthetic food grade oil

Description

RIPRESS SYNT FOOD 320 is a high performance PAO synthetic oil specifically formulated for food, pharmaceutical and cosmetic industry. In case of accidental contact with foodstuff, medicine or beverage any kind of physiological inconvenience is excluded. This product is formulated in accordance with FDA 21 CFR 178.3570, NSF H1 certificated and corresponds to HALAL specifications.

Use / application

RIPRESS SYNT FOOD 320 thanks to its special formulation is suitable for use under particularly heavy working conditions, operating on high or low working temperatures and in applications operating under conditions of extreme stress. Exceptional oxidation resistance and outstanding thermal stability grant prolonged lubricant life and significantly reduce oil consumption. Excellent mechanical stability and anti-wear properties assure perfect functionality of lubricated applications. This lubricant is compatible with mineral oils, minimizes carbon residuals and is compatible with the most common gasket materials. Ideal for gears, hydraulic systems, chains, slideways, vacuum pumps, tools etc.

Specifications

CLP (DIN 51517-3)

Technical Data

ISO Viscosity class			320
Density at 20°C	ASTM D4052	g/ml	0.86
Viscosity at 40°C	ASTM D445	mm²/s	320
Viscosity at 100°C	ASTM D445	mm²/s	34
Viscosity index	ISO 2909		142
Flash point (COC)	ASTM D92	°C	264
Pour Point	ISO 3016	°C	-48
Corrosion protection (steel)	DIN 51355	degree	0/A
Copper corrosion	ASTM D130	degree	1
Foaming Tendency Seq. I (24°C)	ASTM D892	ml	0/0
FZG Test (A/8.3/90)	ASTM D5182	stage	> 12

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October 3, 2005

Dr. Ivo Cordioli
NILS ITALIA GMBH
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ITALY

RE: RIPRESS SYNT FOOD 320
Category Code: H1
NSF Registration No. 137576

Dear Dr. Ivo Cordioli:

NSF has processed the application for Registration of **RIPRESS SYNT FOOD 320** to the NSF Registration Guidelines for Proprietary Substances and Nonfood Compounds (2004), which are available at http://www.nsf.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling.

This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

NSF Registration of this product is current when the NSF Registration Number, Category Code, and Registration Mark appear on the NSF-approved product label, and the registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (http://www.nsf.org). The NSF Registration Mark can be downloaded from the NSF website, at http://www.nsf.org/business/about_NSF/nsf_marks_download.asp.

NSF Listing of all registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF web site, at http://www.nsf.org. Changes in formulation or label, without the prior written consent of NSF, will void registration, and will supersede the on-line listing.

Sincerely,

Carmen Grindatti
NSF Nonfood Compounds Registration Program

Company No: N11242