



EXPERTS IN LUBRICANTS

Technisches Datenblatt

CHAIN FOOD HT 220

Vollsynthetisches Hochtemperatur-Kettenöl

Beschreibung

CHAIN FOOD HT 220 ist ein vollsynthetischer Hochtemperaturschmierstoff für Ketten in der Lebensmittelindustrie. Im Falle eines Kontaktes von CHAIN FOOD HT mit dem verarbeiteten Lebensmittel können physiologische Folgen ausgeschlossen werden. Das Produkt wird unter Einhaltung der Norm FDA 21 CFR 178.3570 (NSF H1) hergestellt und erfüllt die Spezifikation BRC Version 8.

Einsatz

CHAIN FOOD HT 220 findet Einsatz in der Schmierung von Ketten und Führungen in der Lebensmittel-, Pharma-, Futtermittel- und Kosmetikindustrie vor allem bei Hochtemperaturanwendungen bis 280°C. Die speziellen Verschleisschutz Eigenschaften reduzieren auch massgeblich den Verschleiss an den geschmierten Ketten. CHAIN FOOD HT 220 zeichnet sich weiter durch seine ausgezeichneten tribologischen Eigenschaften aus. Geringe Verdampfung, gute Oxydationsbeständigkeit, ausgezeichnete Hochtemperatüreigenschaften, geringe Alterung und geringe Rückstandsbildung sind weitere Eigenschaften welche NILS CHAIN FOOD HT zu einem ausgezeichneten Produkt machen.

Eigenschaften

Zulassung NSF H1; ausgezeichnete Alterungs- und Oxydationsstabilität; ausgezeichneter Verschleisschutz; gute Korrosionsschutzeigenschaften; exzellente tribologische Eigenschaften; geringe Rückstandsbildung; geringe Verdampfung.

Klassifizierung

SACMI (essiccatoi EVA)

RINALDI Superforni

Technische Daten

ISO Viskositäts Klasse			220
Dichte bei 20°C	ASTM D4052	g/cm ³	0.962
Viskosität bei 40°C	ASTM D445	mm ² /s	219
Viskosität bei 100°C	ASTM D445	mm ² /s	18.7
Viskositätsindex	ISO 2909		95
TAN Total Acid Number	ASTM D664	mgKOH/g	0.3
Flammpunkt (COC)	ASTM D92	°C	296
Korrosionsschutz (Stahl)	ISO 7120A		OK
Kupferkorrosion	ASTM D130		1b
VKA Test (Schweisskraft)	ASTM D2783	kg	126
VKA Test (Schweisskraft)	ASTM D4172	mm	0.42 (1h - 392N)



Nonfood Compounds

NSF International / Nonfood Compounds Registration Program

April 20, 2020

Nils Spa/AG
Bahnhofstrasse 30
39014 Burgstall
Italy

RE: CHAIN FOOD HT 220
Category Code: H1
NSF Registration No. 161393

NSF has processed the application for Registration of **CHAIN FOOD HT 220** to the *NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2017)*, which are available upon request by contacting NonFood@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 review.

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 Mark and Category Code 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 (www.nsfwhitebook.org).

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 website, at www.nsfwhitebook.org. Please note the letter date reflects most recent product review. NSF utilizes annual verification to ensure no changes have been made to a registered product. Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing. Please contact your NSF Account Manager or nonfood@nsf.org if you have any questions or concerns pertaining to this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "S Krol", written in a cursive style.

Sarah Krol
NSF NonFood Compound Registration Program
Company No: N11242