

Food Synthetic Grease



Characteristics

Bardahl Food Synthetic Grease is a high-performance synthetic lubricant, carefully formulated to meet the FDA's strict requirements for use within the food industry. This grease contains synthetic oil that is in line with FDA 21CFR 172.278 requirements, and also meets the recommendations of CNERNA 92, making it safe for incidental contact with food and its packaging. Designed to ensure safety in food processing environments, this product minimizes the risk of poisoning. It offers excellent adhesion to prevent splashing and can be used in a wide temperature range from -45°C to +150°C. In addition, the grease is highly water-resistant and safe for use on materials such as gaskets, plastic, and paint, without leaving stains, thanks to its colorless composition.

NSF Reg. No. 136 604
Category Code: H1

Application

The applications of **Bardahl Food Synthetic Grease** are versatile and essential for the food industry, where it is particularly suitable for lubricating bearings. This lubricant ensures reliable operation of equipment at both extremely low and high temperatures, and provides protection against water and corrosion. Its non-corrosive properties, combined with high resistance to water at 80°C and excellent wear protection as demonstrated in the 4 Balls Test, make it ideal for a wide range of industrial applications.

Safety Data Sheet (MSDS)

Safety Data Sheets (MSDS) for Bardahl products are available upon request. These documents, which provide detailed safety information about the product, can be accessed through Bardahl's official website. Moreover, you can also obtain it by contacting a representative at Bardahl directly. This ensures that users and processors of Bardahl products have the necessary information on the safe use, handling and storage of these industrial lubricants.

NSF

The NSF certification is a quality brand mark that is recognized worldwide for products used in the food industry, including Bardahl Food Products. This certification is awarded by NSF International, an independent organization that protects public health and safety. An NSF certificate ensures that the product meets strict standards for hygiene, safety, and quality. For food and pharmaceutical manufacturers and processors, the use of NSF-certified products is crucial, as it helps ensure the safety of their manufacturing processes and the final product. This contributes to consumers' confidence in the safety of the foods they consume and supports regulatory compliance. The use of NSF-certified lubricants is an essential step for companies striving for the highest operational standards and quality assurance in their manufacturing processes.

Key Benefits to Consider

Core Product Features of Bardahl Food Synthetic Grease

- ✓ Exceptional water resistance for reliable lubrication in humid conditions.
- ✓ Safe for gaskets, plastic, and paint, without leaving stains.
- ✓ NLGI Grade 2, indicating optimal consistency for versatile lubrication needs.
- ✓ Provides superior corrosion protection, as demonstrated with a score of less than 1a on copper.

Certificates & Standards

- ✓ NSF Policy Number: 136 604
- ✓ Category code: H1
- ✓ Meets FDA 178.3570 and 21CFR 172.278 requirements for safe food contact.
- ✓ Compliance with CNERNA 92 recommendations for use in the food industry

Category	Test	Method	Unit	Result
NLGI GRADE				2
SOAP				Inorganic
DROP POINT				>250°C
4 BALLS TEST				> 315 kg
STARTING TORQUE				0.11N/mm2
CORROSION ON COPPER				<1a
RESISTENCE TO WATER AT 80°C				<1%

Content Availability	Unit	Articlenumber	
Cartridge	400 gr	31420	✓
Pail	10 kg	31425	✓
Pail	18 kg	31424	✓

Bardahl – For a world without friction

Bardahl is committed to providing advanced lubrication solutions tailored to your specific needs. With a focus on innovation and technical excellence, we have been serving a wide range of industries worldwide for over eight decades. Our team of experts, driven by a passion for tribology, provides personalized support and advice to ensure the success of our clients in different markets. Leveraging our extensive experience, we develop high-quality lubricants that are designed to meet the changing requirements of our customers.

The document's data is based on Bardahl's extensive experience and is aimed at technically experienced readers and provides insight into potential applications. It is important to note that the document does not guarantee product features, and users must conduct their own preliminary tests for specific applications. The data provided are indicative and depend on the composition, use and application method of the lubricant. Because the performance of lubricants can vary under different mechanical, dynamic, chemical, and thermal conditions, these factors can affect the functionality of components. Bardahl encourages direct contact to discuss specific applications and is open to providing samples for testing. Please note that Bardahl is constantly improving its products and reserves the right to change technical data at any time.