SARFOOD PREMIER EP2 GREASE

Last Updated: 09.01.2025
Product Code: GR0894

SARFOOD PREMIER EP2 GREASE is a high performance, food grade, extreme pressure grease with enhanced resistance to heavy loads and water, based on a PAO over-based calcium sulfonate. This technology outperforms other premium, high temperature greases such as Lithium Complex and Aluminium Complex and is designed to provide superior performance at elevated temperatures and during periods of infrequent lubrication in food processing applications. Ideally suited for low to medium speed bearings operating under adverse conditions, and offers exceptional performance for Pellet Press machines.

APPLICATION

Can be applied by hand, or by using a standard grease gun (400 gm cartridges are available), or via a central lubricating system capable of pumping an NLGI No.2 grease. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

BENEFITS

- Provides superior long term lubrication at high temperatures, extending lubrication intervals
- Exceptional mechanical stability, offering high load carrying performance and reduced wear
- Excellent resistance to water and corrosion
- The use of premium antioxidant and a high viscosity PAO base ensures excellent thermal and oxidation stability
- Performance life is typically increased by up to four times that of a regular mineral oil-based grease

PERFORMANCE PROFILE

- All ingredients are FDA listed
- Meets the requirements of NSF and InS H1 Guidelines
- Meets the USDA 1998 H1 Guidelines
- Meets the approval requirements of the Water Regulations Advisory Scheme (WRAS)
- All grades contain no genetically-modified ingredients, and do not contain any nut oil or derivatives

TYPICAL PROPERTIES

Appearance	Smooth beige grease
NLGI Classification	No. 2
Thickener	Calcium Sulphonate
Base Oil	High viscosity PAO
Rust Test (ASTM D1743)	Pass
Copper Corrosion (ASTM D4048)	1B
Drop Point (IP 132)	>270°C

Water Washout

(ASTM D1264) @ 80°C	3.5% max.
Timken OK Load (ASTM D2509)	27.2 kg

Shell Four Ball (IP239): Weld Load – 500 kg

Mean Hertz Load – 55 kg

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Operating Temperature Range	-40°C to +170°C Short periods to 220°C

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.