

Food Grade Synthetic Grease 2

Product Code: GRE027 | **Revision:** 20260507



NSF H1 synthetic food grade aluminium complex grease.

Available Pack Sizes



Applications

A very high-performance aluminium complex grease formulated from a blend of synthetic oils for applications with potential incidental food contact. Enhanced with extreme pressure additives and PTFE, it delivers superior lubricity and load-carrying capacity, ensuring reliable performance under demanding conditions. Ideal for food safe environments exposed to dust, moisture, extreme temperatures or heavy loads, providing long-lasting protection and smooth operation in critical machinery and equipment.

Recommended by Aztec Oils as suitable for the following applications

DIN 51502 KP2P-50
NSF H1 reg. 158385
Can be applied manually, by standard grease gun or via a central lubricating system capable of pumping an NLGI 2 grease.

Benefits

- Excellent long-term high temperature performance.
- Exceptional extreme pressure & anti-wear performance.
- NSF H1 registered.
- Outstanding water resistance protecting against corrosion.
- Smooth texture & good pumpability.
- Suitable for a wide range of food machinery with incidental or accidental food contact.
- Superb thermal stability & resistant to temperature variations.

Typical Test Data

Appearance		Off-White & Tacky
Base Oil		Synthetic
Base Oil Viscosity @ 40°C (mm²/s)		300
Copper Corrosion (IP 112)		Negative
Dropping Point (°C)		>230
Four Ball Weld Load (Kg)		400
NLGI Classification		2
Operating Temperature Range (°C)		-50 to +170
Solid Lubricant		White solids, PTFE
Thickener		Aluminium complex
Water Washout (%)	ASTM D1264	<1 max
Worked Penetration 0.1mm		265-285

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Avoid contamination of the grease by dust and dirt when applying.
- Before using this product, the maintenance guide should be checked and lubrication intervals must be carried out in accordance with the manufacturers' recommendations.
- Not all greases are compatible, check compatibility with the grease applied previously and if necessary purge the system prior to application.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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