

DOC NO	REV	ISSUED	CLASS
TDS-FS-EXTRA-2	01	10/2026	Food-grade grease · H1

TECHNICAL DATA SHEET

FOODSHIELD EXTRA 2

Food-Grade Aluminium-Complex Grease with PTFE · NSF H1 · NLGI 2 · -50 °C to +165 °C

NSF REGISTRATION H1 No. 174335	DROPPING POINT > 230 °C	FOUR-BALL WELD LOAD 500 kg	OPERATING RANGE -50 °C to +165 °C
--	--------------------------------------	--------------------------------------	---

DESCRIPTION

FOODSHIELD EXTRA 2 is JETTA's food-grade grease for the full range of food-safe duties: temperature extremes, wet and saturated environments, heavily loaded applications, and areas where dust and other contaminants are present.

An aluminium-complex thickener carries extreme-pressure / anti-wear additives and PTFE, giving the grease a high load-carrying capacity. It serves plain and anti-friction bearings as well as sliding surfaces. The FOODSHIELD EXTRA range is available in NLGI 2, 1 and 00.

METHOD OF APPLICATION

Apply by hand or with a standard grease gun; 400 g cartridges are available.

As with any grease used for the first time, check compatibility with the grease applied before and, if necessary, purge the bearings before application. Do not over-lubricate: apply the quantity recommended by the bearing manufacturer.

BENEFITS

- One grease for most food-safe duties
- Strong anti-wear, longer component life
- EP / AW additives and PTFE for heavy loads
- Long relubrication intervals in the heat
- Water resistant, protects against rust
- NSF H1 registered, No. 174335

NSF REGISTRATION



Category H1: lubricant with incidental food contact, for use in and around food processing areas.

NSF Reg. No. 174335 · nsfwhitebook.org

FOOD SAFETY

- All ingredients are FDA listed
- No genetically modified ingredients
- No nut oil or nut derivatives

PACK SIZES

400 g cartridges and a range of other pack sizes. Contact JETTA for availability.

APPLICATIONS

- Plain and anti-friction bearings on food-processing equipment
- Sliding surfaces and slides where incidental food contact is possible
- Wet, saturated, heavily loaded and dusty food-safe applications

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	RESULT
Appearance	–	Smooth, adhesive
Colour	–	White
NLGI grade	–	2
Thickener	–	Aluminium complex
Base oil	–	Synthetic blend
Dropping point, °C	IP 132	> 230
Oil separation, %	IP 121	1
Copper corrosion	IP 112	Pass
Corrosion resistance, Emcor	IP 220	0 : 0
Water washout at 39 °C, %	ASTM D1264	1
Four-ball weld load, kg	IP 239	500
DN factor	–	500,000
Solids, %	–	5
Operating temperature range	–	–50 °C to +165 °C

Typical values, not a specification. Minor batch-to-batch variation that does not affect performance is normal in production.

FOODSHIELD EXTRA 2 is registered by NSF International in category H1 (NSF Reg. No. 174335). NSF registration is not an endorsement of performance claims.

The information above is given in good faith but without warranty. It is the user's responsibility to determine the suitability of the product for the intended application.