

PURITY GREASE

**Synthetic Food Safe
Multi-Purpose Grease**

PURITY GREASE is formulated to cover a wide range of food safe applications, encompassing extremes of temperature, wet and saturated environments, heavily loaded applications and where there is a presence of dust and other contaminants. Formulated with PAO full synthetic base oil, PTFE, extreme pressure and anti-wear additives to provide a high degree of load carrying performance.

PRIMARY INDUSTRIES: Food industry and general non-food applications.

RECOMMENDED APPLICATIONS INCLUDE:

- Bearings, Bushes, Chains, Hinges, Sprockets, Slides, Splines & couplings
- Universals and ball joints used in food and conventional processing machinery
- Food and conventional conveyor lines
- Food and conventional packaging equipment
- Ovens (outside oven only)
- Beverage filling lines
- Freezers and cold rooms
- Many other applications requiring a high performance grease lubrication.



PRODUCT SIZE:
450g, 20kg, 180kg
PRODUCT CODE: 6202



SUMMARY OF BENEFITS

PTFE provides excellent anti-wear performance prolonging component life and reduces operating temperatures
Wide performance characteristics enable standardisation to one product for most food safe applications
Provides long term lubrication at high temperatures, extending lubrication intervals
Exceptional degree of water resistance providing lasting lubrication and protecting against corrosion
NSF: H1 registered (Lubricant with incidental food contact for use in and around food processing areas)

TYPICAL CHARACTERISTICS

Appearance	Off-White, Tacky
NLGI Classification	2
Thickener	Aluminium complex
Temperature range	-50°C to 170°C
Drop Point IP 132	>230°C
Water washout @ 38°C ASTM D1264	<1% max.
Base Oil	A Blend of Synthetic Oils
Base Oil Viscosity @ 40°C, cSt ASTM D445	300
Base Oil Viscosity @ 100°C, cSt ASTM D445	31
Copper corrosion IP112	Negative
Dynamic corrosion resistance (EMCOR) IP 220	0 : 0
Shell Four Ball Weld Load IP 239	450kg
dN factor	500,000

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

HEALTH AND SAFETY INFORMATION

All ingredients are FDA listed ingredients under 21 CFR 178.3570. **PURITY ALC2 GREASE** is NSF H1 registered and meet the USDA 1998 H1 Guidelines. These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous. A Material Safety Data Sheet is available from the Guardian Food Grade Oils Technical Department upon request or available on our website.

The Safety Data Sheet is available at Sterling Lubricants by email: info@sterlinglubricants.com.au