

# AXA GR1



Food industry



Food grade Extreme Pressure calcium complex grease.

## APPLICATIONS

### Food industry

- **AXA GR1** has been specially designed for lubrication of process and packing machine used in Food Industry such as pelleting presses, grape harvester...
- **AXA GR1** is particularly adapted for greasing all types of surfaces, mechanical parts and devices, loaded or not, such as bearings, joints, reducers, slideways, cam mechanisms, sealing devices, different types of transmission, etc.
- To fully benefit from the performances of **AXA GR1**, please avoid contamination by dust and/or dirt when applying.

## SPECIFICATIONS

- ISO 6743-9 : L-XBDHB 1/2
- DIN 51502 : KP1/2N-20
- **AXA GR1** is registered **NSF H1** for incidental food contact (N° 125640). Its formulation complies with chapter FDA 21 CFR 178.3570. This grease is recommended for use in Food industry where an incidental contact with food is possible.
- **AXA GR1** is ISO 21469 certified.

## ADVANTAGES

### Compliance with legislation

### Wet condition performance Excellent adhesion to metals Multipurpose grease

- **AXA GR1** assures long machine life while reducing contamination problems as required in the HACCP system (Hazard Analysis Critical Control Points).
- Water wash out resistance and anti-rust protection. The high frequency of cleanings in the food industry leads to the use of tacky greases to protect equipments against rust.
- Simplifies service operations.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AXA GR1
Aspect			Smooth / tacky
Colour		-	White
Thickener			Calcium complex
NLGI grade			1 - 2
Worked penetration - 60 strokes at 25 °C	ASTM D 217	1/10 mm	295 / 335
Drop point	ASTM D 566	°C	> 250
4-balls Weld Load	ASTM D2596	kgf	> = 315
Water wash-out – 1 hr @ 80°C – weight loss	ASTM D 1264	%	< 10
Kinematic Viscosity of base oil at 40°C	ASTM D 445	mm <sup>2</sup> /s	150
Type of base oils			White oil
Utilization limits		°C	- 20 / + 150

Above characteristics are mean values given as an information.

### Recommendations:

- Store the product from 0°C to 40°C.
- **Shelf life: 36 months** from date of manufacture (unopened).

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
14-02-2012 (supersedes ) 30-09-2009  
AXA GR1  
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser [www.quick-fds.com](http://www.quick-fds.com).