



## OPTIMUS AX 100-SYN

### PRODUCT DESCRIPTION:

Optimus AX 100-Syn grease is a high-performance grease developed for use in the food processing industry. It is based on fully synthetic base oil with Optimus AX 100-Syn thickener and performance additives. Optimus AX 100-Syn grease has a strong affinity for metal and it is highly stable when operating with heavy loads at high temperatures. It has excellent sealing properties and it is ideal for lubricating bearings subjected to high temperatures and pressures. The operating temperature range is -40°C to 180°C.

### APPLICATIONS

Optimus AX 100-Syn grease is used in bearings that operate at high temperatures, bearings in refrigeration facilities, bearings that require a lubricant with excellent adhesive and sealing properties.

### PRODUCT ADVANTAGES

- The operating temperature range is -40°C to 180°C
- Operates at extreme temperatures
- Excellent load-carrying capacity
- Good resistance against water
- Excellent adhesive and sealing properties
- Long-lasting lubrication

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	1	2
Thickener Type	-	Al-Complex Thickener	Al-Complex Thickener
Base Oil Type	-	Synthetic	Synthetic
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Ivory	Ivory
Work Penetration @25°C	ASTM D217	310-340	265-295
Dropping Point °C, Min	ASTM D2265	250	250
Four Ball Weld Load, Kgf, Min	ASTM D2596	250	250
Operating Temperature Range °C	INTERNAL	-40 to 180	
Base Oil Viscosity @40°C (Cst)	ASTM D445	100	100

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with grease may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used grease in to drains or the environment. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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