



## MOXIETECH AX 100-SYN

### PRODUCT DESCRIPTION:

MOXIETECH AX 100-SYN grease is a premium, high-performance lubricant specially formulated for the food processing industry. It is crafted using fully synthetic base oils, MOXIETECH AX 100-SYN thickener, and advanced performance additives. This grease exhibits strong metal adhesion and exceptional stability under heavy loads and high temperatures. With excellent sealing properties, it is ideal for lubricating bearings exposed to high temperatures and pressures. MOXIETECH AX 100-SYN grease operates efficiently within a temperature range of -40°C to 180°C, ensuring reliable performance in demanding conditions.

### APPLICATIONS

MOXIETECH 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	
		1	2
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

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.