

User Manual: NexBot Robotics 731-001 Joint Grease Cartridge

SKU: NXB-GEN-731-001 | Version: 1.0 | Brand: NexBot Robotics

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1. Safety Information

READ ALL SAFETY INSTRUCTIONS BEFORE OPERATION. Failure to follow safety procedures may result in serious injury or equipment damage.

2. Product Overview

The NexBot Robotics 731-001 is a specialized lubricating compound, supplied in a convenient 400g cartridge for direct application to robot arm joints. This product is engineered specifically to meet the demanding operational requirements of modern automated systems, providing superior protection against wear and corrosion. Its primary function is to maintain the low-friction, high-precision movement essential for repeatability and accuracy in robotic applications. The formulation features exceptional shear stability and high load-carrying capacity, which prevents breakdown under the constant, high-torque movements typical in industrial robotics. This ensures a consistent lubricating film is maintained on critical components, extending their operational lifespan and reducing the frequency of unscheduled downtime. With an effective operating temperature range of -20°C to 150°C , this compound performs reliably across a wide variety of manufacturing environments, from refrigerated facilities to high-temperature processing lines. This lubricant is critical for preventative maintenance schedules in applications such as automated welding, high-speed pick-and-place, material handling, and precision assembly. The standard 400g cartridge format is designed for easy and clean application using common industrial dispensing tools, minimizing waste

and simplifying the maintenance process for technicians. Regular application as part of a scheduled maintenance plan is essential for maximizing the longevity and performance of your NexBot Robotics assets.

3. Getting Started

4. Operation

5. Maintenance Schedule

Interval	Task	Notes
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6. Troubleshooting

Symptom	Possible Cause	Solution
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7. Technical Specifications

Parameter	Value	Unit
Weight	0.5	kg
Material	Polypropylene Cartridge	
Country of Origin	DE	
Dimensions	235 x 53 x 53 mm	