



TECHNICAL DATA SHEET

SUPER LUBE® NUCLEAR GRADE APPROVED GREASE

March 2023

PRODUCT DESCRIPTION:

Super Lube® Nuclear Grade Approved Grease is a multi-purpose grease developed specifically to meet the requirements of GE Nuclear Non-metallic Material Specification D50YP12 Rev. 2.

Super Lube® Nuclear Grade Approved Grease is a fully rated NLGI #2 bearing grease. Its formula is fluorine free and it does not contain heavy metals.



FEATURES:

- ❖ Outlasts conventional greases 3-4 times
- ❖ Has excellent adhesion
- ❖ Impervious to salt water
- ❖ Long lasting
- ❖ Does not contains heavy metals
- ❖ Environmentally friendly
- ❖ Biodegradable

TYPICAL APPLICATIONS:

- ❖ Pulleys
- ❖ Winches
- ❖ Hinges
- ❖ Valves
- ❖ Cranes
- ❖ Wire rope
- ❖ Electrical equipment
- ❖ Locks
- ❖ Cams
- ❖ Slides
- ❖ Conveyors
- ❖ Chains
- ❖ Water pumps
- ❖ Open gears
- ❖ Switch assemblies
- ❖ Blowers
- ❖ Pumps
- ❖ Cables
- ❖ Fans
- ❖ Electric motor bearings
- ❖ Plain and anti-friction bearings
- ❖ Ball and roller bearings

PACKAGE SIZES:

Part No.	Description
42150	14.1 oz. (400 gram) Cartridge
42130	30 lb. Pail
42140	400 lb. Drum



TECHNICAL DATA SHEET

SUPER LUBE® NUCLEAR GRADE APPROVED GREASE

March 2023

PROPERTIES:

Test	Test Method	Rating
NLGI Grade	ASTM D1092	2
Color		Translucent white
Temperature range		
Continuous		-40°F to 450°F continuous
Intermittent		-45°F to 500°F intermittent
Specific gravity	ASTM D1298	.89
Dropping point	ASTM D566	>500°F
Penetration, Worked	ASTM D217	265-295mm/10
Oxidation stability (100 hrs.)	ASTM D942	0 psi
Timken OK load	ASTM 2509 / 2782	40 lbs.
Flash point	ASTM D92	>220° C (>428° F)
Copper corrosion (24 hrs. @ 100°C)	ASTM D4808	1B, Shiny
Total Halogens		146 ppm
Total Metals		19 ppm
Biodegradability		50% degradability in 28-35 days 60+% degradability

SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit www.super-lube.com/what-is-the-shelf-life-ezp-320.html.



See Safety Data Sheet (SDS) for further details regarding safe use of this product.



Made in USA

The information provided in this Technical Data Sheet including the recommendations for use and application of the product are based on our knowledge and experience of the product as of the date of this data sheet. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Synco Chemical Corporation is, therefore not liable for the suitability of our product for the production processes and conditions in respect for which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

All Super Lube® trademarks in this document are trademarks of Synco Chemical Corporation.