



TECHNICAL DATA SHEET

SUPER LUBE® NUCLEAR GRADE APPROVED GREASE

March 2017

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 contain heavy metals
- ❖ Environmentally friendly

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



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PROPERTIES:

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

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.

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