



B-2

PREMIUM WHITE LITHIUM GREASE

TECHNICAL DATA SHEET

REV: 03

Date: 30 April 2024

DESCRIPTION

B-2 Pioneer White Lithium Grease is a high-purity, high-quality NLGI grade 2 white lithium-based grease which provides superior lubrication, durability in any weather and most temperatures. This versatile grease is designed for light duty applications requiring a long grease life. White lithium grease contains oxidation inhibitors to counter corrosion, and protects with a tough, high viscosity film.

FEATURES

- ◆ General lubrication
- ◆ Fast-acting penetrant
- ◆ Corrosion protection
- ◆ Cleaning agent

USE

- ◆ To lubricate hinges latches, overhead door tracks, open gears and chains, cables, slide conveyors, guide rails, cams and pistons..
- ◆ Household: locks, door hinges, curtain tracks, sewing machines and tools.
- ◆ Industrial: sub-assemblies, machines.
- ◆ Aviation: undercarriage gear, wheel compartments and emergency generators.
- ◆ Marine: fittings, winches and power units.
- ◆ Sporting equipment: bicycles, bikes, ski bindings, fishing reels.
- ◆ Office equipment: typewriters, photocopies, printers, drawer, swivel chairs.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

EFFECTS ON MATERIALS

General: nearly all materials react to B-2 as they would to high grade mineral spirits with the same exposure.

Rubber: normally no visible effects. Certain types of rubber will swell upon prolonged immersion in B2.

Fabrics: the following fabrics were exposed to B-2 with no effect, except slight staining which was readily removed with naphtha or dry cleaning solvent: orlon, wool, nylon, and cotton.

Plastics: the following plastics were immersed in B2 for 24 hours with no visible effects: PE, PP, formica, epoxy, delrin, acrylic, vinyl, teflon, polyester, and nylon.

Polycarbonate and PS may stress craze or crack in contact with B-2.

COLOUR

White

APPLICATION

It is suitable for lubricating rolling bearing, sliding bearing, high speed bearing and precision bearing, textile machine and other friction points of general mechanical equipments, .

Application temperature range: -20 to 100°C

SPECIFICATION

Appearance	White, smooth, buttery
Water, %	0
Mechanical impurities (acid)	Non

x'traseal®



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decomposition method) , %	
Percent non-volatile	30% by weight
Percent volatile	70% by weight
Dropping point	365 ^o f (185 ^o c)
Low temperature stability	Excellent
Boiling point (initial)	48 ^o C (minimum)
Shelf life	12 months

STORAGE

Material should be stored in a dry and cool place between +5^oC TO +30^oC.

CAUTION

Read and understand material safety data sheet of this product before handling or using.

This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.