

# POLY UREA SS GREASE

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## Product Description

Poly Urea SS greases is special designed for use in bearing & centralize lubrication system in steel industries, paper industries & other heavy industry application. This grease is highly resistant to mechanical fatigue, heat, corrosion & do not harden prematurely. Polyurea SS grease is formulated with a combination of mineral & synthetic base oil for better resistant to ageing, good adhesion & excellent water resistance. These greases do not generate residual sludge or carbon compared to any soap or non- soap thickener. This grease is also used for lifetime sealed bearings & electric motor bearings.

## Features

- Outstanding parts protection.
- Longer service, reduces maintenance, downtime.
- Does not form solid residues.
- Excellent mechanical and thermal stability.
- Excellent corrosion protection

## Applications:

- High and low speed bearings.
- To prevent formation of abrasive buildup.
- Effective lubricant even in presence of water
- Clutch release bearings
- Roller bearings in textiles and paper processing industry, electric motors, vertical shaft application & centralized lubrication system

## Typical Properties

POLY UREA SS GREASE	100	460
NLGI Grade	2/3	2
Colour	Beige	Amber
Type of Thickener	Poly Urea	Poly Urea
Worked Penetration @25°C, after 60 strokes, 0.1mm units. ASTM D217	250-265	265-295
Penetration change after 1,00,000 strokes, softing by units max. ASTM D217	30	30
Dropping Point, ° C. ASTM D2265	>265	>265
Viscosity of Base oil @ 40°C, cSt ASTM D445	100	460
Copper Strip Corrosion @ 100°C for 24hrs. ASTM D4048	1A	1A
Four-Ball Weld Load, kg. ASTM D2596	250	315
Four-Ball Wear Scar Diameter, mm. ASTM D2266	<0.4	<0.4
Timken OK Load, lbs. ASTM D2509	45	45
Oxidation Stability, Pressure Drop, psi, after 100hrs @ 99°C, Max. ASTM D942	<3.5	<5
Roll Stability, Penetration Consistency change, mm/10 ASTM D1831	<10	<10
Corrosion Prevention ASTM D1743	Pass	Pass
Oil Separation @25°C for 168hrs., % by mass IP 121	1-5	1-5
Water Washout @79°C, %wt. ASTM D1264	<5	<5
EMCOR Rust Protection Test IP 220	0-0	0-0

**Available Packs: 1, 5, 18 Kg.**

**Shelf Life - 36 Months from the Manufacturing month**

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office. \* All related specifications are meets or exceeds.

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