

# Polyurea Grease

SWEPCO 130 Polyurea Grease is a unique non-soap thickened grease for use in a wide variety of applications. It is an ideal grease for high temperature, high speed, and extreme pressure applications. Polyurea greases are highly recommended for use in electric motors, and SWEPCO 130 is compatible with other polyurea based electric motor greases. It is specially formulated to meet the demands of plain and roller bearings in long service applications.

SWEPCO 130 is the preferred grease for low noise applications and centralized systems. It is ideal for fans, spindles, electric motor bearings, and areas that get infrequent lubrication. SWEPCO 130 performs well in wet and dirty environments, has excellent corrosion resistance, and is compatible with most seals. SWEPCO 130 Polyurea Grease can also be used in automotive and off road applications such as: U-joints, CV-joints, steering racks, chassis parts, water pumps, idler pulleys, and wheel bearings.



## KEY BENEFITS

- Superior thermal and oxidation stability
- Excellent water washout and spray off resistance
- Good pumpability, preferred for centralized systems
- Excellent extreme pressure, wear and corrosion protection
- Preferred grease for low noise applications
- Excellent replacement for lithium greases
- Ideal for use in areas of infrequent lubrication
- Compatible with other polyurea based greases
- Used in long term lubrication applications
- Works well in all types of bearings
- Wide operating temperature range -5°F (-20°C) to 450°F (232°C)

## APPLICATIONS

- Plain, ball and roller bearings of all types
- CV-joints, U-joints, wheel bearings, chassis and other automotive applications
- Electric motors, fans and high-speed bearings
- Alternators, idler pulleys, air conditioner compressor clutch bearings
- High-speed spindles
- Conveyor belts, chain pulleys, sheaves
- Low noise applications
- Steel mills, pellet mills, saw mills
- Farm equipment, lawn equipment, forestry equipment
- Printing presses, paper mills, looms
- Wet and/or dirty environments

## Typical Properties

NLGI Grade .....	Method.....	2
Penetration, mm/10		
Worked 60 strokes .....	ASTM D217.....	275
Dropping Point, °F (°C) .....	ASTM D2265.....	500°F (260°C)
Thickener Type.....		Polyurea
Color .....	Visual.....	Dark Green
Base Oil Viscosity, Kinematic		
40°C, cSt.....	ASTM D445.....	118
100°C, cSt.....	ASTM D445.....	12.5
Base Oil Viscosity Index.....	ASTM D2270.....	96

## Performance Properties

Four-Ball EP Performance		
Weld Point, kgf.....	ASTM D2596.....	400
Load wear index, kgf.....	ASTM D2596.....	65
Timken OK Load, Lbs.....	ASTMD2509.....	60
Oxidation Stability, Lb. Loss/100 hours.....	ASTM D942.....	3
Bearing Rust Protection, Rating.....	ASTM D1743.....	pass



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Customers have come to expect since 1933



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