



PAPER MILL GREASE

SYNTHETIC PAPER & PULP PROCESSING GREASE WITH SYNSLIDE™

Paper Mill Grease is a high-performance, aluminum complex synthetic lubricant designed to cover a wide range of paper and pulp processing applications with a single product. It excels in bearing lubrication for paper machine bearings from the wet end through the dry end, operating at speeds of 1,500 to 6,500 FPM. With superior film strength, it is highly recommended for paper machine roll bearings, including:

- Wet end: wet-end roll bearings, wire return rolls, couch rolls, suction press rolls, granite- or synthetic-covered press rolls, and wet felt rolls
- Dry end: dryer felt rolls, coater rolls, calendar rolls, winder rolls, and super calendar rolls

This versatility also supports use in auxiliary equipment such as pumps, refiners, fans and conveyors.

Its performance is enhanced by Synslide™ – our proprietary, noncorrosive EP additive technology – helping improve load-carrying capability, reduce metal-to-metal contact, and support longer bearing life and greater equipment reliability. Paper Mill Grease is compatible with and noncorrosive to ferrous alloys and yellow metals commonly used in gears, bearings and other rotating equipment components, including case-hardened gears that can be pitted by conventional sulfur-phosphorus EP oils.

Paper Mill Grease is an undyed product.



PERFORMANCE & OTHER ADVANTAGES

SUPERIOR HIGH-TEMPERATURE

PERFORMANCE – Aluminum complex thickener provides a high dropping point and helps maintain grease stability at elevated temperatures.

OUTSTANDING WEAR PROTECTION – Synslide additive technology and the aluminum complex thickener support high load-carrying capacity and strong film strength to help reduce metal-to-metal contact under heavy loads.

EXCEPTIONAL WATER RESISTANCE – Highly resistant to water washout and spray-off, helping the grease stay in place in wet environments.

REDUCED VIBRATION – A tough lubricating film helps cushion loads, while Synslide helps smooth contacting surfaces to reduce vibration and promote quieter operation.

GREATER CORROSION PROTECTION – Advanced corrosion inhibitors, together with the aluminum complex thickener, help protect lubricated components from rust and corrosion, even in harsh or wet conditions.



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TYPICAL APPLICATIONS & INDUSTRIES

- Pumps, refiners, fans and conveyors
- Wet end: wet-end roll bearings, wire return rolls, couch rolls, suction press rolls, granite- or synthetic-covered press rolls, and wet felt rolls
- Dry end: dryer felt rolls, coater rolls, calendar rolls, winder rolls, and super calendar rolls
- Paper and pulp mills

TECHNICAL DATA

Property	
NLGI Grade	1.5
Thickener Type	Aluminum Complex
Color	Amber
Worked 60 Penetration ASTM D217	300
Base Fluid Characteristics	
Viscosity @ 100°C, cSt, ASTM D445	44
Viscosity @ 40°C cSt, ASTM D445	244
Dropping Point °C (°F), ASTM D2265	255 (491)
Water Washout @ 175F, % loss, ASTM D1264	3.2
Corrosion Prevention DI H ₂ O, ASTM D1743	PASS
Copper Corrosion 24 hrs @ 100°C, ASTM D4048	1A
Four-Ball EP Weld Point kgf, ASTM D2596	315
Four-Ball EP Load Wear Index kgf, ASTM D2596	62.4



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