ULTRA PELLET MILL GREASE

CITADEL Ultra Pellet Mill Grease is designed to protect roll bearings in wood pellet mills under severe conditions including high temperatures, moisture, particulate debris and continuous load. Inferior greases in pellet mill applications will sacrifice bearings, leading to increased downtime and maintenance costs. CITADEL Ultra Pellet Mill Grease utilizes advanced calcium sulfonate thickeners that have inherent extreme pressure and rust protection. It has been engineered to resist oil separation in the presence of high temperature and vibration.

FEATURES | CORROSION PROTECTION | EXTREME PRESSURE | HIGH TEMPERATURE | WATER RESISTANCE

APPLICATIONS:

Recommended for equipment in wood pellet mill operations where high temperature and moist conditions are common.

- Wood pellet mill roll bearings
- Ring Dies
- Flat Dies

FEATURES & BENEFITS:

- Phenomenal extreme-pressure and wear protection
- Superior load-carrying capability
- Shock loading protection
- Excellent high temperature adhesion and bleed control
- Superior bearing lubrication for high temp. operations
- Superior moisture handling capabilities, without consistency changing
- Reducing grease consumption through extended lubrication intervals

RECOMMENDED PERFORMANCE SPECIFICATIONS:

Always consult a grease compatibility chart to determine whether it is acceptable to mix with other thickener types.

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CITADEL Ultra Pellet Mill Grease		Typical Characteristics
	ASTM Test Method	
NLGI		1.5
Thickener Type		Calcium Sulfonate Complex
Texture		Smooth
Color		Green
Dropping Point, °C (°F)	D2265	>290° (>550°)
Base Oil Properties		
cSt @ 40°C	D445	ISO 460 cSt
Pour Point, °C (°F)	D97	-15° (5°)
Viscosity Index	D2270	>170 min.
Operating Temperature Range, °C (°F)		-29°to 177° (20° to 350°)
Four Ball EP Performance		
Weld Point, kg	D2596	620 Kgf. min.
Load wear index, kg	D2596	65
Wear Scar, mm	D2266	0.39 mm
Timken, OK Load, lb	D2509	70 lbs.
Penetration, Worked 60 Strokes	D217	285-315
Oil Separation, 24 hours, 25°C (77°F)	D1742	0.17%
Corrosion Protection	D1743	Pass
Water Washout, 79°C (175°F)	D1264	<5%

Minor variations in test data are to be expected in normal manufacturing