

ALPHA 2000 #2 TAN

LUBRICATING GREASE

PRODUCT DESCRIPTION

ALPHA 2000 #2 TAN is an outstanding product, which is characterized by exceptional mechanical stability. The very high load carrying ability, excellent resistance to water, oxidation and corrosion, and outstanding performance in a wide temperature range, make it a high performance premium grease. It contains no heavy metals or other harmful or environmentally undesirable additives, such as phosphorus, chlorine, zinc, phenols, antimony, barium or lead.

FEATURED BENEFITS

- Recommended for plain and roller bearings, operating in corrosive environments and industrial equipment, subject to high humidity and high temperatures.

PRODUCT APPLICATION

- Marine Equipment
- Heavy Mobile Equipment
- Cables Exposed to Saltwater
- Paper Machine - wet and dry end bearings
- Slab Mills/Steel Mills roller bearings
- Centralized Lube Systems

TYPICAL PROPERTIES

NLGI Grade		2
Color		Tan
Texture		Buttery
Appearance		Smooth
Operating Temperature Range		-2°F to 350°F (-19°C to 176°C)
Thickener Type		Over Based Calcium Sulfonate
Penetration	ASTM D 217	
Worked 60 Strokes		265-295
Worked 10,000 Strokes		-1
Worked 100,000 Strokes		+2
Roll Stability	ASTM D 1831	+19
Wheel Bearing @ 325°F (163°C)	ASTM D 1263-Modified	0.40
Dropping Point	ASTM D 2265	572°F (300°C)
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	0.39
4 Ball E.P. kg	ASTM D 2596	500
4 Ball Load Wear Index, kg	ASTM D 2596	65
4 Ball Weld Point, kg	ASTM D 2596	65
Timken Load Carrying Test of Grease, lbs	ASTM D 2509	65
Rust Preventative Properties of Greases	ASTM D 1743	Pass
Oil Separation, 24 hrs @ 77°F (25°C)	ASTM D 1742	0.17%
Water Washout, 175°F (79°C), % loss	ASTM D 1264	1.75

TYPICAL PROPERTIES (CONTINUED)

Salt Fog Test, hrs	ASTM B 117	4,000
Pressure Vessel Oxidation	ASTM D 942	
PSI Pressure Drop - 100 hrs		0
PSI Pressure Drop - 500 hrs		2
PSI Pressure Drop - 1,000 hrs		9
Mobility	LT-37	
@40°F (4°C)		133.1 g/min
@0°F (-17°C)		4.98 g/min
Base Oil Characteristics	ASTM D 445	
Viscosity @ 40°C, cSt		220
Viscosity @ 100°C, cSt		18.5
Viscosity Index		95
Pour Point	ASTM D 97	+5°F (-15°C)

PRODUCT NUMBER

CSN2605000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).



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