

# ALPHA 2000 #2 GREEN

GREASE  
Technical Data Sheet

## LUBRICATING GREASE

### PRODUCT DESCRIPTION

**Alpha 2000 #2 GREEN** is a state-of-the-art 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 of -40 to 350°F, make it a high performance premium grease.

It contains no heavy metals or other harmful or environmentally undesirable additives, such as sulfur, phosphorus, chlorine, zinc, phenols, antimony, barium or lead.

### TYPICAL PROPERTIES

<b>NLGI Grade</b>		2
<b>Color</b>		Green
<b>Thickener Type</b>		Over Based Calcium Sulfonate
<b>Penetration</b>	ASTM D 217	
Worked 60 Strokes		265-295
Worked 10,000 Strokes		-1
Worked 100,000 Strokes		+2
<b>Roll Stability</b>	ASTM D 1831 Pen	+19
<b>Wheel Bearing @ 325°F (163°C)</b>	ASTM D 1263-Modified	0.40
<b>4 Ball Wear Test, mm Scar Diameter</b>	ASTM D 2266	0.39
<b>4 Ball Load Wear Index, kg</b>	ASTM D 2596	65
<b>4 Ball Weld Point, kg</b>	ASTM D 2596	620
<b>Copper Corrosion of Greases</b>	ASTM D 4048	1a
<b>Timken Load Carrying Test of Grease, lbs</b>	ASTM D 2509	65
<b>Rust Preventative Properties of Greases</b>	ASTM D 1743	Pass
<b>Oil Separation, 24 hrs @ 77°F (25°C)</b>	ASTM D 1742	0.17
<b>Water Washout, 175°F (79°C), % loss</b>	ASTM D 1264	2.75
<b>Pressure Vessel Oxidation</b>	ASTM D 942	
PSI Pressure Drop - 500 hrs		2
<b>Mobility</b>	LT-37	
@ 40°F (4°C)		133.1 g/min
@ 0°F (-18°C)		4.98 g/min
<b>Base Oil Characteristics</b>	ASTM D 445	
Viscosity @ 40°F, cSt		110
Viscosity @ 100°F, cSt		12
Viscosity @ 100°F, SUS		600
Viscosity @ 210°F, SUS		70
Viscosity Index		95
Pour Point	ASTM D 97	+5°F (-15°C)

### PRODUCT NUMBER

CSG2105000

### HEALTH AND SAFETY

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



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