

ALPHA 2000 #1

GREASE
Technical Data Sheet

LUBRICATING GREASE

PRODUCT DESCRIPTION

ALPHA 2000 #1 grease, 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, 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.

TYPICAL PROPERTIES

NLGI Grade		1
Color		Tan
Thickener Type		Over Based Calcium Sulfonate
Penetration	ASTM D 217	
Worked 60 Strokes		320
Worked 10,000 Strokes		-1%
Worked 100,000 Strokes		+2
Roll Stability	ASTM D 1831 Pen	+19
Wheel Bearing @ 325°F (163°C)	ASTM D 1263-Modified	0.4
Dropping Point	ASTM D 566	572°F (300°C)
Oxidation Stability, 100 hrs @ 210°F (99°C)	ASTM D 942	
PSI press. drop - 100 hrs		0
PSI press. drop - 500 hrs		2
PSI press. drop - 1,000 hrs		9
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	65
4 Ball E.P. kg	ASTM D 2596	500
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	2.75
LT-37 Mobility @ 40°F (4°C)		133.1 g/min
LT-37 Mobility @ 0°F (-18°C)		4.98 g/min
Base Oil Characteristics		
Viscosity @ 100°F, SUS	ASTM D 2161	1100
Viscosity @ 210°F, SUS	ASTM D 2161	85
Viscosity Index	ASTM D 2270	95
Pour Point	ASTM D 97	5°F (-15°C)

PRODUCT NUMBER

CSN1605000

HEALTH AND SAFETY

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



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