

# ALPHA 150-5M #2

GREASE  
Technical Data Sheet

## LUBRICATING GREASE

### PRODUCT DESCRIPTION

**ALPHA 150-5M #2** is calcium sulfonate complex thickened lubricating grease specially formulated for heavy duty equipment. Alpha 150-5M #2 exhibits outstanding performance in the most severe applications and is fortified with molybdenum disulfide to withstand heavy loads and shock loading. Alpha 150-5M #2 contains no additives such as lead, antimony, zinc, barium, and no sulfur or phosphorous making it more environmentally friendly.

### FEATURED BENEFITS

Excellent water resistance and corrosion protection in salt and fresh water environments. Exceptional extreme pressure and anti-wear performance. Meets the requirements of major off-road equipment manufacturers. Contains 5% Moly.

### TYPICAL PROPERTIES

NLGI Grade		2
Thickener Type		OBCS
Color		Gray
Texture		Buttery
Appearance		Smooth
Operating Temperature Range		-15° to 350°F (-26° to 177°C)
Penetration @ 77°F (25°C), mm/10	ASTM D 217	
Worked 60 Strokes		265-295
Dropping Point	ASTM D 2265	550°F (228°C)
Oil Separation, grams, US Steel method	ASTM D 1742	3 Max.
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	0.5 Max.
4 Ball E.P, Weld Point, Kg	ASTM D 2596	620 Min.
4 Ball Load Wear Index, Kg	ASTM D 2596	135
Water Washout, @ 175°F (79°C), % Loss	ASTM D 1264	2.0
Salt Fog Test, Hours to failure	ASTM B 117	4,000
Oxidation Stability	ASTM D 942	
Psi pressure loss -100 hours		3 Max.
Copper Strip Corrosion, 210°F (98°C) 3 hrs	ASTM D 4048	1a
Molybdenum Disulfide, Wt %	ASTM D 128	5.0
Particle Size, micron		<5
Base Oil Characteristics	ASTM D 445	
Viscosity @ 40°C, cSt		150
Viscosity @ 100°F, SUS		750

### PRODUCT NUMBER

CSM2508000

### HEALTH AND SAFETY

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



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