

Product Data

ALUBE-500

Heavy-Duty, Non-Melt Moly Grease

Typical Problems With Grease Operating At High Temperatures:

- ✓ Grease Melts Away
- ✓ Slips Off Metal Surfaces
- ✓ Does Not Withstand Corrosion Attack and Shock Load
- ✓ Acidic Conditions
- ✓ Water Washes Grease Away

ALUBE-500...PERFORMANCE IN ACTION

● **HIGH HEAT RESISTANCE.** ALUBE-500 is a true non-melt moly grease that operates at temperatures up to 550°F. Highly advanced polymer and micronized agents slowly volatilize at high operating temperatures, leaving layered lubrication in place and working longer.

PERFORMANCE BENEFIT: ALUBE-500 will not drop and run away from bearings under the highest operating temperatures, which reduces downtime and expensive repair costs.

● **HIGH LUBRICITY IN SEVERE OPERATING CONDITIONS.** ALUBE-500 is fortified with molybdenum disulfide, which makes it cling to metal surfaces and plate out to resist extreme pressures. This plating action helps prevent metal fatigue and provides protection against excessive wear from extreme loads, galling and seizing.

PERFORMANCE BENEFIT: Under tough operating conditions, ALUBE-500 will provide maximum protection and lubrication.

● **PROVIDES RUST AND CORROSION PROTECTION.** ALUBE-500 is fortified with advanced technology rust & corrosion inhibitors that provide maximum protection for equipment.

PERFORMANCE BENEFIT: Fights expensive cost of repairs for equipment.

● **EXCELLENT WATER RESISTANCE AND PROTECTION FROM THE ENVIRONMENT.** ALUBE-500 is exceptionally resistant to most acids, salt spray, steam, dirt, dust, water, oxidation and the weather.

PERFORMANCE BENEFIT: ALUBE-500 is a genuine multi-purpose, all-season lubricant for equipment exposed to wet conditions and other environmental elements.



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APPLICATIONS

ALUBE-500 is a heavy-duty, non-melt moly grease specially formulated with extreme pressure and anti-wear additives to provide maximum lubrication and protection under tough operating conditions. It is fortified with molybdenum disulfide, which enables it to cling to metal surfaces and plate out to reduce friction and extend the lubrication cycle. ALUBE-500 has a 65 Timken Load, will withstand temperatures up to 550°F and has excellent adhesive and cohesive properties. It resists most acids, weather, dust, dirt, salt spray, steam and oxidation.

USER BENEFITS - **1)** Exceptional resistance to acid, water, salt spray, weather, dirt, dust, steam and oxidation. **2)** Exceptional adhesive-cohesive and anti-wear properties. **3)** Plating action helps prevent metal fatigue and provides protection against excessive wear. **4)** Performs at a wide variety of temperatures up to 550°F. **5)** Water resistant and possesses excellent outdoor resistance and extreme pressure and high heat resistance. **6)** High shock and impact resistance...no pound out or thin out. **7)** Seals out dust, dirt and contaminants to prolong life of metal parts. **8)** Contains special corrosion and rust inhibitors. **9)** Excellent load carrying capacity - 65 Timken Load.

ALUBE-500 is recommended for use in plain & anti-friction bearings, sleeve bearings, universal joints, water pumps, wheel bearings, driveshafts, splines, conveyors, chassis, king pins and disc brakes. It has long-lasting stability required in mill, plant, mining, fleet and construction operations.

TECHNICAL DATA

NLGI Grade:	2
ASTM D 217 Cone Penetration @ 77°F, Worked 60 Strokes:	265-295
Type:	Moly Bentone Clay
Thickener Content, %:	7-10
Dropping Point, °F:	Non-Melt (600+)
Base Oil Viscosity	
CST @ 40°C:	414-506
CST @ 100°C:	30
Viscosity Index:	90
4 Ball EP WELD POINT, KGF:	400
4 Ball Wear, AVE MM Scar:	.60
Bearing Corrosion, 48HR Distilled:	Pass
Oxidation Test, 400 HRS, PSI Drop:	<5 PSI
Timken Load	65
Color:	Gray/Black
Appearance:	Smooth/Tacky



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C-17/PC-1309/0823