

# ***AQUA 500***

Chem & Lube technology has added to its product line. A grease that surpasses conventional greases in manufacturing environments where water and high humidity dominate.

An automotive and industrial grease designed for excellent shear stability, water resistance, load carrying ability, rust and oxidation resistance. **AQUA 500** is free of heavy metals, heavier than water and resists burning.

With a dropping point over 550° F, a user gains great versatility and is able to use the same grease throughout the facility in most instances.

NLGI Grade: 2      Thickener Type: Calcium Sulfonate Complex  
Color: Aqua Green      Texture: Smooth

<b>Test</b>	<b>ASTM Method</b>	<b>Typical Result</b>
Penetration @ 77° F	D-217	
Unworked		276
Worked 60 Strokes		279
Worked 10,000 Strokes		284
Worked 100,000 Strokes		287
Roll Stability, % change	D-1831	293 ( + 5.0)
Rust Protection	D-1743	PASS
Dropping Point, °F (°C)	D-2265	580 + (304)

<b>Test</b>	<b>ASTM Method</b>	<b>Typical Result</b>
4-Ball EP Performance	D-2596	
Load Wear Index		72
Weld Point, Kgf		500
4-Ball Wear Protection	D-2266	0.4
Scar Diameter, mm		
Timken OK Load, lbs.	D-2509	55
SRV Friction Test, 80° C		
Weld, N m		N/A
Coefficient of Friction @ 300N		N/A
Wheel Bearing Life Test, hrs.	D-3527	120
Water Washout	D-1264	
@ 100° F, %		N/A
@ 175° F, %		0.4
Oil Separation, % Loss	D-1742	0.03
Base Oil Characteristics		
Vis @ 40° cSt	D-445	155
Vis @ 100° cSt	D-445	14.65
Vis @ 100° F SUS	D-2161	700
Vis @ 210° F SUS	D-2161	75
Viscosity Index	D-2270	93
Mobility @ 0° F, gm/sec.	USS Method	.12 grams / sec
Low Temp. Torque-Wheel Bearing		
-40° C, N m	D-4693	9
5% Seawater Corrosion Test	D-5969	PASS