

## PURUS® ALLETOR™ HEAVY DUTY RED GREASE

Premium quality high temperature lithium complex grease

**DESCRIPTION:** **PURUS® Alletor™ Heavy Duty Red Grease** is available in NLGI Grade #1 and NLGI #2. Its base oil selection and lithium complex soap structure result in a high temperature performing grease. It has excellent water spray-off and washout performance in addition to outstanding rust and corrosion protection. The base oil and polymer combination allows it to resist leakage, dripping or undesirable throw-off from lubricated surfaces in motion. PURUS® Alletor™ Heavy Duty Red Grease is formulated with premium EP/AW additives that impart low wear and high load carrying capacity under severe operating conditions.

**PERFORMANCE BENEFITS:** **PURUS® Alletor™ Heavy Duty Red Grease** applications include wheel bearings, ball joints, U-joints, chassis, fifth wheels, kingpins, as well as industrial bearings, couplings and gears. It is recommended for fleet commercial, automotive, trucking, mining, off-highway, construction and many other industrial applications. Primary application includes high temperature operations such as wheel bearings on vehicles equipped with conventional, disc and antilock braking systems. This grease will protect wheel bearings on cars, trucks, buses, vans and farm equipment with disc brakes even under heavy and shock loading conditions. PURUS® Alletor™ Heavy Duty Red Grease meets the NLGI GC-LB specifications

- Premium quality high temperature lithium complex, Extreme Pressure (EP) grease
- Outstanding protection in wet environments
- “Tacky”, stay in place formula makes it excellent for fifth wheels
- Superior wheel bearing and chassis performance
- Superior protection to lubricate a wide variety of severe duty automotive, trucking, industrial, mining and construction equipment

**TYPICAL PROPERTIES:**

	<b>NLGI No. 1</b>	<b>NLGI No. 2</b>
Thickener	Lithium Complex	Lithium Complex
Texture	Smooth, Tacky	Smooth, Tacky
Color, Observed	Red	Red
Worked 60 Penetration, D 217	310-330	265-295
Dropping Point, ASTM D 566, °F	500	>500
Water Washout, ASTM D 1264, % loss @ 175°F	8	6
Rust Prevention, ASTM D 1743	Pass	Pass
Copper Corrosion, ASTM D 4048	1B	1B
<b>Timken EP Test, OK Load, ASTM D 2509, lb</b>	<b>80</b>	<b>80</b>
Four-Ball Wear, ASTM D 2266, mm	0.6	0.6
Four-Ball EP Weld Point, ASTM D 2596, kgf	315	315
Four-Ball Load Wear Index, ASTM D 2596, kgf	38	38
U.S. Steel Mobility, LT-37, g/min		
77F	637	487
32F	42	27
Lincoln Ventmeter, K95400, Psi		
77F	131	238
32F	199	382
0F	1,157	1,559
Base Oil Viscosity, ASTM D 445		
at 40°C, cSt	220	220
at 100°C, cSt	20	20
Viscosity Index, ASTM D 2270	105	105
Operating Temperature Range, °F (°C)	-20 to 325 (-28 to 163)	-10 to 325 (-23 to 163)
NLGI Certified, ASTM D 4950	GC-LB	GC-LB

