

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

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.



This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all of our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

Revised 07/2019
PINHDRG page 1

PURUS® ALLETOR® HEAVY DUTY RED GREASE

TYPICAL PROPERTIES*:

	NLGI No. 1	NLGI No. 2
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
Timken EP Test, OK Load, ASTM D 2509, lb	80	80
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
OF	1,157	1,559
Base Oil Viscosity, ASTM D 445		
@ 40°C, cSt	220	220
@ 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

