

PURUS[®]

CUT THE COST, NOT THE QUALITY.

"YOU CAN TAKE IT TO THE LAB."

PURUS[®] ALLETOR[®] HEAVY DUTY RED GREASE



DESCRIPTION

PURUS ALLETOR HEAVY DUTY HI-TEMP 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.

PURUS ALLETOR HEAVY DUTY HI-TEMP GREASES are purpose built to meet these industry drivers and challenges:

- Higher Equipment Temperatures & Severe Operating Conditions
- Exposure to Water, Mud & Corrosive Environments
- Demand for Reduced Maintenance & Longer Equipment Uptime

PERFORMANCE BENEFITS

INDUSTRY DRIVERS	PURUS SUPPORTING TECHNOLOGY	PURUS BENEFITS PERFORMANCE ADVANTAGES
Higher Equipment Temperatures & Severe Operating Conditions	<ul style="list-style-type: none">• Lithium complex thickener• High-temperature grease formulation• Dropping point greater than 500°F• Premium EP/AW additive package	<ul style="list-style-type: none">• Maintains lubrication under high heat and shock loading• Protects wheel bearings and chassis components in severe-duty operations• Reduces component wear and extends equipment life• Ideal for trucking, mining, construction, and fleet applications
Exposure to Water, Mud & Corrosive Environments	<ul style="list-style-type: none">• Excellent water washout resistance• Rust and corrosion inhibitors• Polymer-enhanced tacky formula	<ul style="list-style-type: none">• Outstanding protection in wet environments• Prevents rust and corrosion on critical components• Grease stays in place instead of washing out• Improves reliability in off-highway and outdoor applications
Demand for Reduced Maintenance & Longer Equipment Uptime	<ul style="list-style-type: none">• "Tacky", stay-in-place grease formulation• High load-carrying EP performance• Resistance to leakage, dripping, and throw-off	<ul style="list-style-type: none">• Longer lubrication intervals and reduced relubrication frequency• Minimizes grease loss during operation• Reduces downtime and maintenance costs• Improves protection for wheel bearings, fifth wheels, U-joints, and chassis systems

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TYPICAL PROPERTIES*

NLGI Number	NLGI #1	NLGI #2
NLGI Certified, ASTM D-4950	GC-LB	GC-LB
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, D-566, °F	500	>500
Base Oil Viscosity @ 40°C, cSt	220	220
Water Washout, D-1264, % loss @ 175°F	8	6
Copper Corrosion, ASTM D-4048, rating	1B	1B
Rust Prevention, ASTM D1743, rating	Pass	Pass
Oil Separation, D-1742, % loss	2.5	1.8
Four-Ball Wear, ASTM D-2266, mm	0.6	0.6
Four-Ball EP Weld Point, D-2596, kgf	315	315
Four-Ball Load Wear Index, D-2596, kgf	38	38
Timken OK Load, ASTM D-2509, lb.	80	80
Approximate Temperature Range, °F	-20 to 325	-10 to 325



*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.

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PRODUCT	Disposable Tote	400 LB Drum	120 LB Keg	35 LB Pail	50-10/14oz Tube
NLGI #1		PIN17243	PIN37243	PIN27243	PIN00425
NLGI #2	PIN87242	PIN17242	PIN37258	PIN27242	PIN00411