

PURUS[®]

CUT THE COST, NOT THE QUALITY.

“YOU CAN TAKE IT TO THE LAB.”

PURUS[®] ALLETOR[®] HEAVY DUTY HI-TEMP GREASE - 3% MOLY



DESCRIPTION

PURUS ALLETOR HEAVY DUTY HI-TEMP GREASE WITH 3% MOLY is a premium quality lithium complex grease treated with 3% molybdenum disulfide for additional protection against wear. It is available in NLGI #1 and NLGI #2 grades. It has excellent water spray-off and washout resistance, gives excellent performance in the areas of oxidation stability and corrosion protection and resists leakage, dripping or undesirable throw-off from the lubricated surface.

PURUS ALLETOR HEAVY DUTY HI-TEMP GREASE WITH 3% MOLY are purpose built to meet these industry drivers and challenges:

- Increased Equipment Loads & Extreme Pressure Conditions
- Harsh Wet & Contaminated Operating Environments
- Demand for Longer Lubrication Life & Reduced Maintenance

PERFORMANCE BENEFITS

INDUSTRY DRIVERS	PURUS SUPPORTING TECHNOLOGY	PURUS BENEFITS PERFORMANCE ADVANTAGES
Increased Equipment Loads & Extreme Pressure Conditions	<ul style="list-style-type: none">• 3% Molybdenum Disulfide (Moly) additive• Extreme Pressure (EP) lithium complex grease• High Four-Ball EP Weld Point (400 kgf)	<ul style="list-style-type: none">• Provides an extra layer of protection under severe loads and shock conditions• Reduces metal-to-metal contact and wear in high-stress applications• Extends equipment life in mining, construction, trucking, and off-road equipment• Excellent for wheel bearings, universal joints, and heavy-duty industrial applications
Harsh Wet & Contaminated Operating Environments	<ul style="list-style-type: none">• Outstanding water spray-off and washout resistance• Rust and corrosion inhibitors• Tacky lithium complex formulation	<ul style="list-style-type: none">• Protects components in wet, muddy, and contaminated environments• Minimizes lubricant washout and maintains film strength• Prevents rust and corrosion on critical components• Improves reliability and uptime for off-highway and industrial equipment
Demand for Longer Lubrication Life & Reduced Maintenance	<ul style="list-style-type: none">• Oxidation-stable lithium complex thickener• Resistance to leakage, dripping, and throw-off• Stay-in-place tacky grease structure	<ul style="list-style-type: none">• Reduces grease loss during operation• Extends relubrication intervals and lowers maintenance costs• Keeps protection in place during high-speed or vibrating operations• Excellent for fifth wheels and severe-duty on/off-road applications

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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	GRAY/BLACK	GRAY/BLACK
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	3	1
Copper Corrosion, ASTM D-4048, rating	1B	1B
Rust Prevention, ASTM D1743, rating	Pass	Pass
U.S. Steel Mobility, LT-37, g/min 77F-32F	732--55	690--50
Four-Ball Wear, ASTM D-2266, mm	0.57	0.57
Four-Ball EP Weld Point, D-2596, kgf	400	400
Four-Ball Load Wear Index, D-2596, kgf	49.8	49.8
Timken OK Load, ASTM D-2509, lb.	60	60
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		PIN17253	PIN37253	PIN27253	PIN00427
NLGI #2		PIN17252	PIN37252	PIN27252	PIN00413