

PURUS[®]

CUT THE COST, NOT THE QUALITY.

"YOU CAN TAKE IT TO THE LAB."



PURUS[®] ALLETOR[®] CALCIUM SULFONATE NLGI #1 and NLGI #2



DESCRIPTION

PURUS[®] ALLETOR CALCIUM SULFONATE MOLY GREASES are formulated with calcium sulfonate complex thickener and 3% molybdenum disulfide (moly) available in NLGI #1 and #2 and 5% molybdenum disulfide available in NLGI #2. The calcium sulfonate complex thickener provides long-lasting performance for use in severe lubrication applications such as mining, construction, industry, agriculture, heavy-duty trucks, and other off-road applications. The 3% and 5% moly provide for extra wear protection under heavy loads.

PURUS ALLETOR CALCIUM SULFONATE MOLY GREASES are purpose built to meet these industry drivers and challenges:

- **Increasing Equipment and Load Demands**
- **Harsh Operating Environments**
- **Demand for Longer Service Intervals & Reduced Maintenance**

PERFORMANCE BENEFITS

INDUSTRY DRIVERS	PURUS SUPPORTING TECHNOLOGY	PURUS BENEFITS PERFORMANCE ADVANTAGES
Increasing Equipment Severity and Load Demands	<ul style="list-style-type: none">• Extreme Pressure (EP) additive systems• Four-Ball EP performance & high Timken OK load	<ul style="list-style-type: none">• Provides outstanding shock load protection and reduces wear under extreme conditions• Maintains lubrication integrity under heavy loads and high stress• Extends equipment life and reduces downtime
Harsh Operating Environments (Water, Heat, Contamination)	<ul style="list-style-type: none">• Calcium Sulfonate thickener• High dropping point (>500°F)• Low water washout (as low as 1%)• Rust and corrosion inhibitors	<ul style="list-style-type: none">• Delivers excellent protection in wet environments• Resists breakdown at high temperatures• Prevents rust and corrosion, improving reliability
Demand for Longer Service Intervals & Reduced Maintenance	<ul style="list-style-type: none">• "Tacky" adhesive formulation• Low oil separation• Durable Calcium Sulfonate grease structure	<ul style="list-style-type: none">• Clings to metal surfaces, reducing grease loss• Provides long-lasting lubrication, lowering relubrication frequency• Cuts maintenance costs and improves operational efficiency

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TYPICAL PROPERTIES*

NLGI Number	3% MOLY NLGI #1	3% MOLY NLGI #2	5% MOLY NLGI #2
ISO VG	ISO 320	ISO 320	ISO 460
Thickener	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
Texture	Smooth	Smooth	Smooth
Color, Observed	GRAY/BLACK	GRAY/BLACK	GRAY/BLACK
Worked 60 Penetration, D-217	310-340	265-295	265-295
Dropping Point, °F(°C)	>500 (260)	>500 (260)	>500 (260)
Base Oil Viscosity @ 40°C, cSt	288 min/352 max	288 min/352 max	491
Water Washout, D-1264, % loss @ 79°C	1	1	1
Copper Corrosion, ASTM D-4048, rating	1a	1a	1a
Rust Prevention, ASTM D1743, rating	Pass	Pass	Pass
Oil Separation, D-1742, % loss	<1.0	<1.0	<1.0
Four-Ball Wear, ASTM D-2266, mm	.5	.5	.5
Four-Ball EP Weld Point, D-2596, kgf	500	500	500
Timken OK Load, ASTM D-2509, lb.	60	60	80



*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	400 LB Drum	120 LB Keg	35 LB Pail	50-10/14oz Tube
3% MOLY NLGI #1	PIN17125	PIN37125	PIN27125	PIN00579
3% MOLY NLGI #2	PIN17279	PIN37279	PIN27279	PIN00605
5% MOLY NLGI #2	PIN17386	PIN37386	PIN27386	PIN00655