

# PURUS<sup>®</sup>

## CUT THE COST, NOT THE QUALITY.

“YOU CAN TAKE IT TO THE LAB.”

## PURUS<sup>®</sup> ALLETOR<sup>®</sup> AK-60 HEAVY DUTY HI-TEMP GREASE



### DESCRIPTION

PURUS<sup>®</sup> ALLETOR AK-60 HEAVY DUTY HI-TEMP GREASES NLGI Grade 1 and Grade 2 are versatile greases recommended for extreme duty off-highway applications as well as a wide variety of automotive, agricultural, trucking, mining, construction and industrial equipment. These are specially formulated to cling tenaciously to surface metal and provide long lasting protection and lubrication. They provide excellent Four-Ball and EP performance with a high Timken OK Load and provide outstanding shock load protection. This grease is highly recommended for disc brake wheel bearing applications and suitable for use in Rockwell and Spicer universal joints. Both meet the highest performance categories of ASTM-D-4950 Automotive Grease Classification System GC, for wheel bearing service and LB for chassis service.

PURUS ALLETOR AK-60 HEAVY DUTY HI-TEMP 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"><li>• Extreme Pressure (EP) additive systems</li><li>• High base oil viscosity (620 cSt)</li><li>• Four-Ball EP performance &amp; high Timken OK load</li></ul>	<ul style="list-style-type: none"><li>• Provides outstanding shock load protection and reduces wear under extreme conditions</li><li>• Maintains lubrication integrity under heavy loads and high stress</li><li>• Extends equipment life and reduces downtime</li></ul>
Harsh Operating Environments (Water, Heat, Contamination)	<ul style="list-style-type: none"><li>• Lithium complex thickener</li><li>• High dropping point (515–525°F)</li><li>• Low water washout (as low as 3.82%)</li><li>• Rust and corrosion inhibitors</li></ul>	<ul style="list-style-type: none"><li>• Delivers excellent protection in wet environments</li><li>• Resists breakdown at high temperatures</li><li>• Prevents rust and corrosion, improving reliability</li></ul>
Demand for Longer Service Intervals & Reduced Maintenance	<ul style="list-style-type: none"><li>• “Tacky” adhesive formulation</li><li>• Low oil separation</li><li>• Durable lithium complex grease structure</li></ul>	<ul style="list-style-type: none"><li>• Clings to metal surfaces, reducing grease loss</li><li>• Provides long-lasting lubrication, lowering relubrication frequency</li><li>• Cuts maintenance costs and improves operational efficiency</li></ul>

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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	310-340	265-295
Dropping Point, D-566, °F	515	525
Base Oil Viscosity @ 40°C, cSt	620	620
Water Washout, D-1264, % loss @ 175°F	5.0	3.82
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	0.45	0.45
Four-Ball EP Weld Point, D-2596, kgf	315	315
Four-Ball Load Wear Index, D-2596, kgf	50	50
Timken OK Load, ASTM D-2509, lb.	60	70+
Approximate Temperature Range, °F	0 to 325	0 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		PIN17257	PIN37257	PIN27257	PIN00548
NLGI #2	PIN87258	PIN17258	PIN37258	PIN27258	PIN00550