

PURUS® ALLETOR® HEAVY DUTY HI-TEMP GREASE WITH 5% MOLY

DESCRIPTION: PURUS® Alletor® Heavy Duty Hi-Temp Grease with 5% Moly is a premium quality lithium complex grease treated with 5% molybdenum disulfide for additional protection against wear. It is very water insoluble and water resistant, 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 5% Moly applications include wheel bearings and universal joints, off-highway and construction equipment, trucking, mining and farming equipment as well as many other industrial applications. It is recommended wherever extreme pressure lithium complex greases are called for, especially where the equipment manufacturer specifies a minimum 5% molybdenum disulfide content.

PERFORMANCE BENEFITS:

- Contains 5 percent molybdenum for added wear protection
- Premium quality lithium complex, Extreme Pressure (EP) grease
- Outstanding protection in wet environments
- Excellent fifth wheel grease
- Superior protection to lubricate a wide variety of severe duty applications both on and off-road

TYPICAL PROPERTIES*:		1		2	
		Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
NLGI Consistency Number					
Thickener		Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky
Texture		Gray/Black	Gray/Black	Gray/Black	Gray/Black
Lubricating Solids Type		MoS2	MoS2	MoS2	MoS2
Lubricating Solids, weight %		5%	5%	5%	5%
Worked Penetration	ASTM D 217	310-340	265-295	265-295	265-295
Dropping Point	ASTM D 2265	>500° F	>500° F	>500° F	>500° F
Four-Ball EP Weld Point, kgf	ASTM D 2596	500 kg	500 kg	500 kg	500 kg
Water Washout, % loss @ 175°F	ASTM D 1264	5.0%	2.50%	2.50%	2.50%
Corrosion Prevention	ASTM D 1743	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D 4048	1B	1B	1B	1B
Timken EP Test, OK Load, Lbs.	ASTM D 2509	70+	80+	80+	80+
Water Spray Off	ASTM D 4049	<12%	<12%	<12%	<12%
Four-Ball Wear, mm	ASTM D 2266	0.4	0.4	0.4	0.4
Base Oil Viscosity	ASTM D 445				
at 40°C, cSt		471	471	471	471
at 100°C, cSt		31	31	31	31
Viscosity Index,	ASTM D 2270	102	102	102	102
Operating Temperature Range, °F (°C)		-5 to 350 (-20 to 176)	-5 to 350 (-20 to 176)	-5 to 350 (-20 to 176)	-5 to 350 (-20 to 176)



*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. Consult your local AIOD Distributor if you require any further information.

PINHD5HTG
Revised: 11/2017