

AXNOL LITHRAX AHP 460 / 3M GREASE**HIGH PERFORMANCE PREMIUM QUALITY LITHIUM COMPLEX- MOLY GREASE**

Axnol AHP 460 / 3M greases are high quality Lithium Complex grease based on a blend of solid molybdenum Disulfide and other proven additives to enhance their performance in a wide range of application.

Axnol Lithrax AHP series greases are blended for wide variety of application and severe operating conditions. This grease designed for higher performance on conventional products by using on cutting edge proprietary with high temperature application. This grease outperforms on high temperature application with superb adhesion, structural stability and water resistant with having high level of chemical stability and excellent protection against rust and corrosion.

Benefits:

- **High load carrying capacity:** - Axnol AHP series greases contain special Moly and EP additive with selected base oil viscosity of ISO VG 460 which enables them to withstand heavy loads and shock loads without failure of the lubricant films.
- **Protects equipment from excessive wear:** - Axnol AHP series grease having high viscosity mineral base oil and it is useful for equipment to protects from wear and tear.
- **Protects against rust and corrosion:** - Axnol AHP series greases having good properties with selected rust preventive additives that helps to protect the machine from rust and corrosion.
- **Adequate Lubrication with good water washout:** - Axnol AHP series greases formulated to offer good water wash-out and adequate lubrication to equipment.
- **Oxidation Stability:** - Axnol AHP series greases are specially formulated with selected base oil with high oxidation stability.
- **EP additive:** - Provides reliable performance and lubricate equipment under heavy load and extended equipment life and avoid unanticipated breakdown.

Applications:

- **High temperature - heavy load- Shock load for slow moving application in automotive, earth moving equipment, Construction & Mining, Industrial equipment like- Steel, Cement, and stone crusher with general machinery.**

Characteristics	Test Method	Units	AHP-3	AHP-2	AHP-1	AHP-0	AHP-00
Appearance	Visual	-	Smooth	Smooth	Smooth	Smooth	Smooth
Color	Visual	-	Gray-Black	Gray-Black	Gray-Black	Gray-black	Gray-Black
Base [Thickener]	-	-	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Solid Lubricant - MOS2	-	%	3	3	3	3	3

Base Oil Viscosity @ 40°C	ASTM D-445	CSst	460	460	460	460	460
Base Oil Viscosity@ 100°C	ASTM D-445	CSst	35	35	35	35	35
NLGI Grade	-	-	#3	#2	#1	#0	#00
Worked Penetration Avg.	ASTM D-217	0.1mm	235	280	325	370	415
Dropping Point [min]	ASTM D-2265	°C	+290	+290	+260	NA	NA
Four Ball Weld Load	ASTM D-2596	N	47.2	47.2	47.2	47.2	47.2
Operating Temperature Range	-	°C	180+	180+	180+	180+	180+

Marginal variation in shade can be expected from batch to batch. The colour has no effect on the lubricating Properties of the Product

Health, Safety & Environment

• Health and Safety

Axmol AHP greases are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and safety is available on the appropriate Material Safety Data Sheet, which can be obtained from

•Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Additional Information

•Advice

Advice on applications not covered here may be obtained from your Axmol representative.