

## **AXNOL LITHRAX HTB GREASE**

### **HIGH TEMPRATURE PREMIUM QUALITY ADVANCED FORMULATION GREASE**

---

Axnol Lithrax HTB greases are high temperature advanced formulation premium quality grease based on a blend of special thickener and selected base oil with other proven additives to enhance their performance in a wide range of application.

Axnol Lithrax HTB series greases are designed 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 and heavy load carrying 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 Lithrax HTB series greases contain advanced 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 Lithrax HTB series grease having high viscous mineral base oil and it is useful for equipment to protects from wear and tear.
- **Protects against rust and corrosion:** - Axnol Lithrax HTB 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 Lithrax HTB series formulated to offer good water wash-out and adequate lubrication to equipment.
- **Oxidation Stability:** - Axnol Lithrax HTB 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.
- **High temperature:-** Axnol Lithrax HTB series greases perform superior in high temperature with normal speed application .

### **Applications:**

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

## Product Properties

Characteristics	Test Method	Units	HTB-3	HTB-2
Appearance	Visual	-	Smooth	Smooth
Color	Visual	-	Natural brown	Natural Brown
Base [Thickener]	-	-	Special Soap	Special Soap
Base Oil	-	-	Mineral	Mineral
Base Oil Viscosity @ 40°C	ASTM D-445	CSt	460	460
Base Oil Viscosity@ 100°C	ASTM D-445	CSt	35	35
NLGI Grade	-	-	#3	#2
Worked Penetration Avg.	ASTM D-217	0.1mm	235	280
Dropping Point [min]	ASTM D-2265	°C	+300	+300
Four Ball Weld Load	ASTM D-2596	Kgs	250	250
Operating Temperature Range	-	°C	160+	160+

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

Axnol Lithrax HTB 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 Axnol representative.