

AXNOL LITHRAX EP GREASE

HIGH PERFORMANCE PREMIUM QUALITY EXTREME PRESSURE (EP) GREASE

Axnol EP greases are high quality multipurpose extreme pressure grease based on a blend of high viscosity index mineral base oil and a lithium hydroxystreate soap thickener and contain extreme pressure and other proven additives to enhance their performance in a wide range of application.

Axnol Lithrax series greases are designed for multipurpose grease lubrication of rolling element and plain bearings as well as hinges and sliding surfaces such as those found in throughout most industrial and transport sectors. This is also applicable for heavy duty bearing and general industrial application operating under harsh conditions or wet environment.

Benefits:

- High load carrying capacity: - Axnol EP series greases contain special extreme pressure additives which enables them to withstand heavy loads and shock loads without failure of the lubricant films.
- Protects equipment from excessive wear: - Axnol EP 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 EP 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 EP series greases formulated to offer good water wash-out and adequate lubrication to equipment.
- Oxidation Stability: - Axnol EP series greases are specially formulated with selected base oil with high oxidation stability.

Applications:

- Plain and Auto-friction bearing in automotive, earth moving equipment, gear couplings, electric motors, wiring equipment and general machinery.

| Characteristics | Test Method | Units | EP-2 | EP-1 | EP-0 | EP-00 | EP-000 |
|---------------------------|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| Appearance | Visual | - | Smooth | Smooth | Smooth | Smooth | Smooth |
| Color | Visual | - | Yellowish | Yellowish | Yellowish | Yellowish | Yellowish |
| Base [Thickener] | - | - | Lithium | Lithium | Lithium | Lithium | Lithium |
| Base Oil Viscosity @ 40°C | ASTM D-445 | CS _t | 220 | 220 | 220 | 220 | 220 |
| NLGI Grade | - | - | #2 | #1 | #0 | #00 | #000 |
| Worked Penetration | ASTM D-217 | 0.1mm | 265-295 | 310-340 | 355-385 | 400-430 | 445-475 |
| Dropping Point [min] | ASTM D-2265 | °C | +180 | +180 | NA | NA | NA |
| Four Ball Weld Load | ASTM D-2596 | N | 2500 | 2500 | 2500 | 2500 | 2500 |

| | | | | | | | |
|-----------------------------|---|----|-----------|----------|----------|----------|----------|
| Operating Temperature Range | - | °C | -20 /120+ | -20/120+ | -20/120+ | -20/120+ | -20/120+ |
|-----------------------------|---|----|-----------|----------|----------|----------|----------|

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 EP 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.