



## GRIPTO-TECH P&B

### PRODUCT DESCRIPTION:

GRIPTO-TECH P&B grease is a versatile, multi-purpose lithium-based grease enhanced with fine-grade graphite. The graphite particles fill surface imperfections, evenly distribute loads, and help prevent wear and tear. This grease is suitable for a wide range of applications, including industrial machinery, agricultural equipment, and earth-moving machinery, providing reliable lubrication and protection under demanding conditions.

### APPLICATIONS

Pin & Bush grease is suitable for the lubrication of various industrial, agricultural, and earth-moving equipment applications.

### PRODUCT ADVANTAGES

- The operating temperature range is -20°C to 130°C
- High level of lubricating solids that keeps working surfaces apart and substantially extends component life
- Being fully resistant to the wet environment extends the life of the lubricant and protects components from corrosion
- Adhesion improves provide increased lasting protection

### TYPICAL PROPERTIES:

| PARAMETERS                          | TEST METHODS | TYPICAL VALUE       |                     |
|-------------------------------------|--------------|---------------------|---------------------|
|                                     |              | 2                   | 3                   |
| NLGI Grade                          | -            | 2                   | 3                   |
| Thickener Type                      | -            | Lithium Soap        | Lithium Soap        |
| Appearance                          | Visual       | Smooth & Homogenous | Smooth & Homogenous |
| Color                               | Visual       | Gray/ Black         | Gray / Black        |
| Dry Lubricant                       | -            | Graphite            | Graphite            |
| Work Penetration @25°C              | ASTM D217    | 265-295             | 220-250             |
| Copper Strip Corrosion 24hrs @100°C | ASTM D4048   | 1b                  | 1b                  |
| Dropping Point °C, Min              | ASTM D2265   | 220                 | 220                 |
| Water Washout Resistance %Wt @79°C  | ASTM D1264   | max 10              | max 10              |
| Four Ball Weld Load, Kgf, Min       | ASTM D2596   | 250                 | 250                 |
| Operating Temperature Range °C      | INTERNAL     | -20 to 130          |                     |
| Base Oil Viscosity @40°C (Cst)      | ASTM D445    | 180                 | 180                 |

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

### PROTECT THE ENVIRONMENT:

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