

Pad Slick

Solid Silicone Paste

No. 800

NLGI #1

DESCRIPTION:

Pad Slick Solid Silicone Lubricate is a heavy duty silicone lubricant specifically designed for lubricating the shaker head pads and slings on commercial nut harvesting machines equipped with conventional manually lubricated heads.

FEATURES:

Pad Slick Solid is a high viscosity non melt, non hardening or carbonizing silicone grease. This product is not affected by heat, and will maintain elasticity and pliability in rubber components. The inert thickener and extremely stable synthetic base fluid provide both physical and thermal stability. **Pad Slick Solid** is formulated with high viscosity index silicone base oils and is fortified with oxidation inhibitors. All components conform to NSF - HX1 requirements.

PERFORMANCE CHARACTERISTICS:

Pad Slick Solid is convenient and easy to apply and will remain on the treated surface. This product is not affected by heat and will not run off leaving the contact area susceptible to blistering and cracking.

Pad Slick Solid will not leave a sticky residue to attract dirt and contaminants.

When used in dusty and highly contaminated environments **Pad Slick Solid** will remain contaminant free and will not migrate to unwanted areas such as pillows, boom arms and other parts of the machine that need to remain contaminant free for ease of service.

Pad Slick Solid is not a petroleum and will not cause the swelling and blistering common with petroleum based products.

Will reduce operating temperature 40° to 50°F.

Pad and pillow life can be extended as much as 40% when using **Pad Slick Solid** in place of conventional lubricants.

DIRECTIONS FOR USE:

Apply a light thin film using a grease gun or caulking gun and renew as needed.

TYPICAL SPECIFICATIONS:

| TABLE 1: Typical Grease Properties | | | |
|-------------------------------------------|--------------------|--------------|----------------------|
| Property | Test Method | Units | Value |
| Specific Gravity @ 20 °C (77°F) | ASTM D-287 | g/ml | 0.98 |
| Base Oil | | | Polydimethylsilicone |
| Viscosity Index | ASTM D-2270 | | +300 |
| Pour Point | ASTM D-97 | (°F) | -(45) |
| Evaporation @ 250°C(482°F) | Noack | % Loss | 0.9 |

| TABLE 2: Typical Grease Properties | | | |
|-------------------------------------------|--------------------|--------------|------------------------|
| Property | Test Method | Units | Pad Slick Solid |
| Penetration @25°(77°F) | ASTM D-1403 | mm-1 | |
| Unworked | | | 315 |
| Worked 60 Strokes | | | 320 |
| Worked 60,000 Strokes | | | 330 |
| Dropping Point | ASTM D-566 | (°F) | none |
| Water Washout | ASTM D-1264 | % | 0.75 |
| Color | n/a | | Translucent White |
| Dielectric Strength, KV @25°C | ASTM D-2225 | | 30 |

Values shown here are typical, and may vary.