GREMUS COT

## DESCRIPTION

PREMUS COT is a premium quality, lithium-based, semi-fluid grease specially designed for the lubrication of cotton-picking machinery. It is fortified with antiwear additives, antioxidant and corrosion inhibitors. It meets the requirements of major manufacturers, e.g. HARVESTER and JOHN DEERE. It retains enough fluidity at low temperatures and its film strength at elevated temperatures.

PREMUS COT is formulated for the lubrication of cotton-picking machinery. Its optimum operating range is between $-20^{\circ} \mathrm{C}$ and $+100^{\circ} \mathrm{C}$.

CHARACTERISTICS-BENEFITS

| CHARACTERISTICS | BENEFITS |
| :---: | :---: |
| Excellent lubricating film stability. | Excellent lubricility. |
| Sufficient affinity towards metal surface. | Improved adhesiveness to spindle surface. |
| Resistance to wash off. | Prolonged machinery life through extended relubrication intervals. |
| Very good anticorrosion and antirust properties. | Low maintenance cost. |

## PHYSICAL-CHEMICAL CHARACTERISTICS

| CYCLON PREMUS COT | METHOD |  |
| :--- | :---: | :---: |
| NLGI |  | Visual |
| Color/Appearance | Visual | Green |
| Texture |  | Semifluid |
| Thickener type |  | Lithium soap |
| Base Oil | ASTM D445 | Mineral oil |
| Base oil viscosity @ $40^{\circ} \mathrm{C}, \mathrm{mm}^{2} / \mathrm{s}$ | ASTM D2265 | 30 |
| Dropping point, ${ }^{\circ} \mathrm{C}$ | ASTM D 217 | 197 |
| Unworked penetration, $\mathrm{mm} / 10$ @25 ${ }^{\circ} \mathrm{C}$ | $400-430$ |  |
| Wear preventive characteristics $\mathrm{Scar} \mathrm{diameter} mm$, | ASTM D 2266 |  |
| Copper strip corrosion | ASTM D 4048 | 0.47 |
| Operating temperatures, ${ }^{\circ} \mathrm{C}$ |  | 1 l |

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

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DIN 51826 GP00H-20; ISO 6743/9 L-X-BBEB00
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