

# Product Data Sheet

## Cotton Picker Grease

### Lithium Soap EP Cotton Picker Spindle Grease NLGI 00

#### Description

**MILLSTREAM COTTON PICKER GREASE** is a specially developed grease manufactured with a combination of premium low viscosity mineral base oils. It is green in colour, and is a semi-fluid, extreme pressure, heavy duty lithium 12-hydroxy stearate soap thickened grease.

The use of a premium lithium soap in combination with highly refined hydrocracked mineral base oils ensures the grease has optimum fluidity to ensure effective lubrication when operating under difficult conditions and high speed operations.

**MILLSTREAM COTTON PICKER GREASE** is blended using premium low viscosity mineral base oils, extreme pressure additives, and oxidation, corrosion and rust inhibitors, which allows the grease to provide exceptional load carrying performance and protection against wear.

**MILLSTREAM COTTON PICKER GREASE** offers superior water washout resistance and excellent rust and corrosion protection particularly in the presence of vegetable saps.

#### Applications

**MILLSTREAM COTTON PICKER GREASE** is recommended for the lubrication of the high-speed spindles, picker bars and chassis bearings on cotton picker machines and corn picker harvesting

equipment. It's semi-fluid formulation and ease of pumping makes it ideal for use in centralised automatic lubrication systems.

**MILLSTREAM COTTON PICKER GREASE** has been formulated to provide minimum low-temperature torque on start up, and with the optimised fluidity it ensures good adhesion and film strength. When combined with the rust, corrosion, oxidation, and anti-wear / extreme pressure additives used in **MILLSTREAM COTTON PICKER GREASE**, wear at low speed is reduced, along with excellent rust and corrosion resistance and prevention of oxidative breakdown of the base lubricating fluids incorporated in the grease.

All of this leads to optimised lubricant performance and equipment reliability of the cotton picker drum drive gears, cam track, and the spindle assemblies and reduced operating and maintenance costs.

**MILLSTREAM COTTON PICKER GREASE** is recommended for use where John Deere JDN 305 and JDN 360T specifications, and International Harvester IH B-27 specifications are listed.

#### Package Sizes

Item Code	Pack Size
MG0410402-0850	850 kg IBC
MG0410402-0180	180 kg drum

**NOTE:** Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

# Product Data Sheet

## Typical Test Data

Property	Method	Typical
NLGI Grade		00
Thickener Type		Lithium Soap
Colour, Visual		Green - Smooth, semi-fluid
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1b
Penetration, Worked, 25° C,	ASTM D217	418
Dropping Point, °C,	ASTM D2265	160
Base Oil Viscosity, cSt @ 40° C	ASTM D445	32
4-Ball Wear Test, scar, mm	ASTM D2266	0.47

## Key Benefits

- Excellent low temperature fluidity, pumpability and performance
- Suitable for centralised lubrication systems
- Highly effective rust and corrosion protection
- Excellent wear protection during start-up and throughout operating periods
- High level of oxidation and thermal stability
- Superior water resistance and resistance to water washout
- Good mechanical and shear stability

## Storage and Handling

Wherever possible store this product under cover to avoid any ingress of water. Do not store near hot work areas or where temperatures can reach above 60° C.

## Health, Safety and Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. This product should not be used for purposes other than its intended use.

Consult the Safety Data Sheet available by contacting The Millstream Group Pty Ltd office for further information.

# Product Data Sheet

## Contact

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