



TECHNICAL DATA

102 Barton Street, St. Louis, Missouri 63104

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#133 SPINDLE CLEANING SOLUTION 200

Spindle Cleaning Solution 200 is an odorless emulsifiable oil that is specially formulated to eliminate spindle twist and green stain.

When used at the recommended treatment levels, Spindle Cleaning Solution 200 will provide the following benefits:

1. Elimination of green stain and twist by providing added lubricity to the water.
2. Keeps moisture pads and doffers from becoming either too soft or brittle and reduces moisture pad wear up to 50%.
3. Prevents balling of the cotton fiber.
4. Allows for less aggressive doffer setting thus potentially eliminating black speck.
5. Will not stain the cotton or adversely affect its drying.
6. Reduces green leaf clingage resulting in more usable fiber.
7. Keeps spindles clean, shiny and rust free.
8. Mixes easily with all water types.
9. Will not clabber, even in the coldest mornings.
10. Eliminates water line and moisture pad blockage.
11. Better and more consistent flow characteristics on moisture pads than conventional soaps and wetting agents.
12. Eliminates the need for grapeknives to clean cotton wrap off the spindles.
13. Increases turnout.
14. Allows for better grades.
15. Does not affect seed germination.
16. Increases overall cotton picking efficiency and quality.
17. Does not clog filter screens.

TREATMENT LEVELS: 1 gallon product to 200 gallons water (1-200)

TYPICAL PROPERTIES

Specific Gravity 60°	1.002
Viscosity 40°C SUS (ASTM D-445)	108.3
Viscosity 40°C cSt (ASTM D-445)	22.44
Flash Point °F/°C PMCC (ASTM D-93)	300°F/148.89°C
Flash Point °F/°C 1:100 solution PMCC (ASTM D-93)	None
Flash Point °F/°C 1:200 solution PMCC (ASTM D-93)	None
Fire Point °F/°C (ASTM D-92)	360°/182.22°
Pour Point °F	0°/-18°
Copper Strip Corrosion Test (ASTM D-130)	1a

TD-133 (Rev. 9/98)