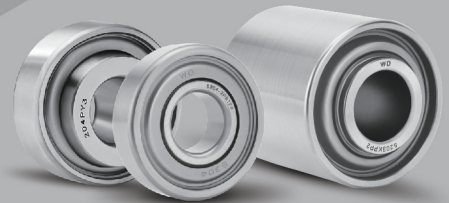




Quality Creates Value

# WD Sealing Solutions for Agricultural Applications



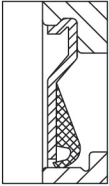
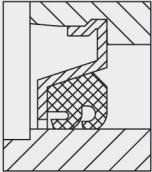
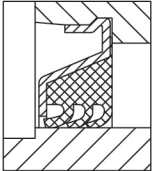
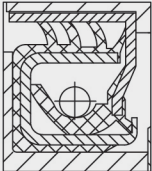


**Quality Creates Value**

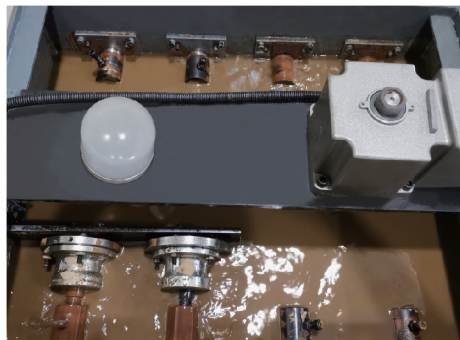
Agricultural bearings operate in the environment of dust, mud, moisture and suffer from unreliability, premature fatigue and shortened service life that result in costly maintenance and downtime.

WD has invented a group of sealing solutions for agricultural bearings, which can protect the bearing from the invading of foreign materials and substantially extend the bearing service life.

There are a variety of seal types with innovative seal structures and performance capabilities. Each sealing solution has undergone mud slurry test that carried out in WD laboratory and has been proven to effectively enhance contamination defense and extend bearing service life, even beyond that of our competitors.

Seal type	Seal structure	Typical environment	Typical applications	Mud slurry test duration
Single lip		Less contaminated	Lawn and garden applications	180 hours
2 lips		Lightly contaminated	Planters, press wheel, gauge wheel	200 hours
3 lips		Heavily contaminated	Disc harrow, auger	220 hours
Compound		Extremely contaminated	Tillage	700 hours

WD application engineers will guide and develop sealing solution with you according to the application and conditions. The sealing solution will be tested in mud slurry test and field test to validate the products.





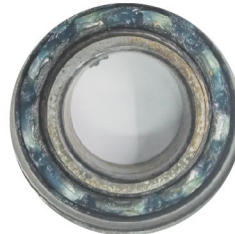
Quality Creates Value

## Mud slurry test results

### ► 6004-2RSTFP - Single lip, 168 hours



WD - Blue grease  
Pollution grade 1



Competitor - Blue grease  
Pollution grade 2

### ► 5203KYY2 - 2 lips, 168 hours



WD - White grease  
Pollution grade 2



Competitor - White grease  
Pollution grade 3

### ► 5203KPP2 - 3 lips, 216 hours



WD - Blue grease  
Pollution grade 2



Competitor - Blue grease  
Pollution grade 3

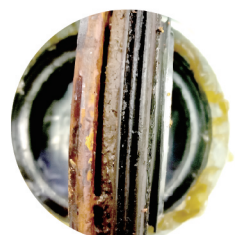
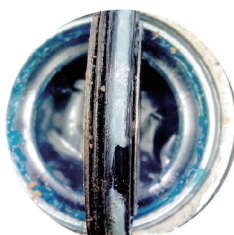
### ► HUB bearing - Compound seals, 700 hours



WD - Blue grease  
Pollution grade 1



Competitor - Amber grease  
Pollution grade 2







**Quality Creates Value**

## WD Bearing Group Offers...

- A range of high quality radial, mounted unit ball bearings for agricultural applications
- Customized bearing solutions to fit your application requirements
- IATF 16949 certified manufacturing facilities
- Dedicated R&D center and test laboratory
- Global application and customer support

## Bearing Solutions For Agricultural Applications

### TILLAGE

Bearing solutions for:

- Independent disc



### HARVESTING

Bearing solutions for:

- Augers
- Draper head
- Conveyor rollers
- Cleaning system shaker drive shaft
- Feederhouse
- Corn head
- Clean grain elevator



### SEEDING

Bearing solutions for:

- Closing wheel
- Disc opener
- Implement wheel
- Row marker
- Gauge wheel
- Press wheel
- Seedmeter drive shaft



### HAY TOOLS

Bearing solutions for:

- Pickup tine bar
- Roller bearings
- Implement wheel
- Pickup cam follower
- Idler roll



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