



## Increase farm productivity with SKF Agri Hub for independent tillage discs

### Benefits

- Increase farm productivity
- Reduce maintenance and ownership costs
- Eliminate relubrication
- Reduce environmental impact
- Mount/replace units easily

### Typical applications

- Ideal for a range of implements with independent tillage discs

### Relubrication-free solution reduces downtime and environmental impact

Today's farmers are looking for ways to boost productivity, cut costs per hectare and protect the environment. With the SKF Agri Hub, they now have a unique bearing solution that can help them achieve all of these goals.

The SKF Agri Hub is a fully integrated hub bearing system, greased and sealed for the life of the unit. Proven to reduce downtime and drive productivity, the SKF Agri Hub has a flanged outer ring that is pre-drilled and tapped to accommodate a disc. The stationary inner ring is fitted with a threaded stub shaft for easy mounting onto virtually any implement arm.

### Boost farm productivity by up to 150%\*

Extensive SKF tests confirm that early bearing failure due to insufficient sealing performance can be prevented. The easy-to-mount SKF Agri Hub solution seals the unit against string, stones, straw, mud, dust and fertilizers. During SKF testing, the reduction in bearing failures enabled farmers to increase productivity by up to 150%.



### Protect the soil and cut costs by up to 30%\*

Compared to conventional hub bearings, the SKF Agri Hub's unique, relubrication-free seal design can reduce lubricant consumption by nearly 500 kilograms over 10 years.

The seal design also protects the SKF Agri Hub from contamination and reduces breakdowns, saving as much as half an hour of maintenance time per day, according to SKF tests. The reduced maintenance and grease demands help cut operating costs as well as reducing the risk of grease leaking into the soil.

\*All figures are rounded off and based on SKF testing estimates. Particular savings and results may vary.



For more information about SKF Agri Solutions for the agriculture industry, contact your SKF representative, or visit us at [www.skf.com/agrisolutions](http://www.skf.com/agrisolutions).



## Increase the return on your maintenance investment with SKF

The whole idea behind the SKF 360° Solution is to help end users get more out of their machinery and equipment investments. This may mean lowering maintenance costs, increasing productivity, or both! Here's an example of the SKF 360° Solution at work in the agricultural industry.

### SKF Agri Hub solution drives productivity for South African farm

#### The challenge

At the 2 500 hectare Kromvlei Farm, outside Hoopstad, Free State in South Africa, owner Petrus Roux was experiencing costly, recurring problems with his tillage bearings.

The problem? The bearings would only last about a day, or up to 100 hectares. For Roux, this meant that he would have to spend an hour and a half replacing each failed bearing arrangement. On average, this represented a loss of ten hectares of planting and four hectares of ripping.

#### The SKF solution



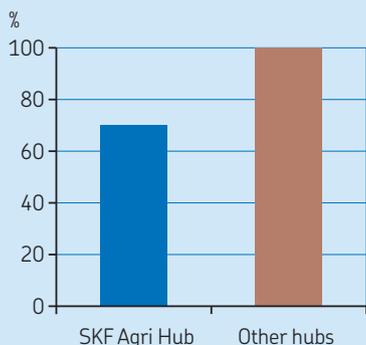
SKF approached Mr. Roux and suggested that he install the SKF Agri Hub, a relubrication-free, easy-fit hub bearing system designed to reduce downtime and drive productivity. Roux agreed, and soon after initiated a field test of his own for the SKF solution.

#### The results

After enduring some 600 hectares' worth of abrasive soil conditions, liquid fertilizers, and thorough washdowns, the SKF Agri Hub units were still going strong, with no bearing arrangement problems.

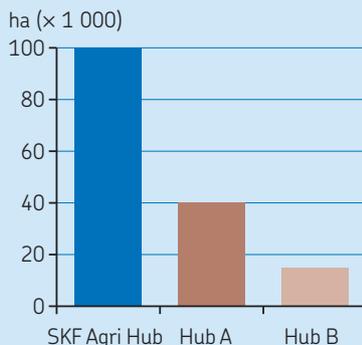
"Reducing total cost and reliable up-time in the farming industry is of the utmost importance," explains Roux. "SKF Agri Hub has ensured continuous production with peace of mind, and this is very comforting."

Ownership costs (10 yr life cost/machine)

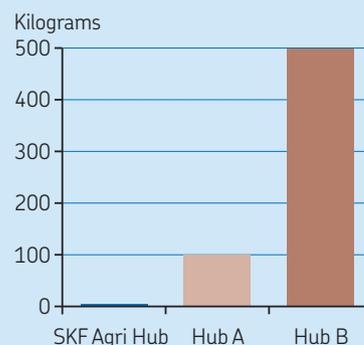


**Composed of:**  
 7,5% Relubrication cost  
 7,5% Repair cost  
 15,0% Productivity loss  
 70,0% Machine

Farm productivity



Lubricant consumption (10 yr life cost/machine)



**Legend:**  
 No further relubrication (Blue)  
 Monthly relubrication (Light Brown)  
 Daily relubrication (Dark Brown)

\*All figures are rounded off and based on SKF testing estimates. Particular savings and results may vary.

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