



# LuK Service Info

## What is a CSC ?



### Mineral Based Fluid

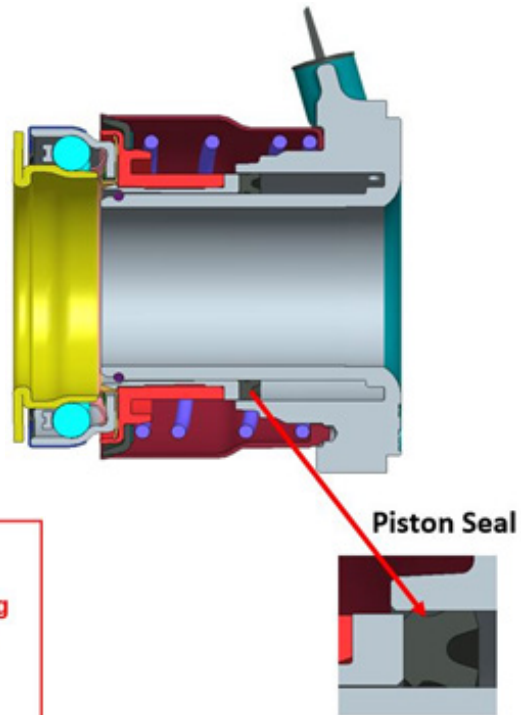
Luk 510 0019 10 & 510 0106 10  
Case IH  
John Deere Combine

### Vegetable Based Fluid

Luk 510 0020 10 & 510 0021 10  
John Deere Tractor  
Valtra

The Concentric Slave Cylinder (CSC) is a compact light design unit combining both the release bearing and slave cylinder in one self adjusting component. The release bearing is kept in light contact with the clutch at all times, the bearing is allowed to move a small amount radially on the carrier which guarantees an optimum central position onto the clutch minimising wear to diaphragm spring contact tips.

The CSC is more mechanically efficient than cable or rod operated systems.



### IMPORTANT

Care must be taken when replacing a CSC or during any service work on the tractor that the correct grade of fluid is used. I

There are two types of CSC using different piston seals. These seals are designed to only operate with specific fluid types, either mineral or vegetable based.