

SMART & CONNECTED POWERTRAIN SOLUTIONS

The innovative integrated SMART Technology provides status information from the powertrain



► WE MAKE POWERTRAIN INFORMATION AVAILABLE

SMART & CONNECTED:

Creating value out of Powertrain information

The powertrain is one of the most critical parts of a machine. It ensures power transmission from the engine to the application.

The new Walterscheid SMART & CONNECTED powertrain technology enables that all data needed to optimize and maintain the performance of your powertrain becomes available to your application. The technology is applicable to a wide range of Walterscheid's powertrain components.

SMART & CONNECTED POWERTRAIN SOLUTIONS

APPLICATION

PRODUCT

SERVICES



Enable SMART applications by plug & play sensor functionality



Provide live operation and service data to machine operators



Provide all relevant product and service data in electronic form



WE MAKE POWERTRAIN INFORMATION

available to your application



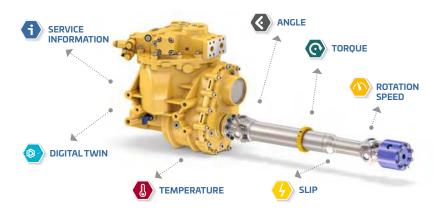
APPLICATIONS







TECHNOLOGY

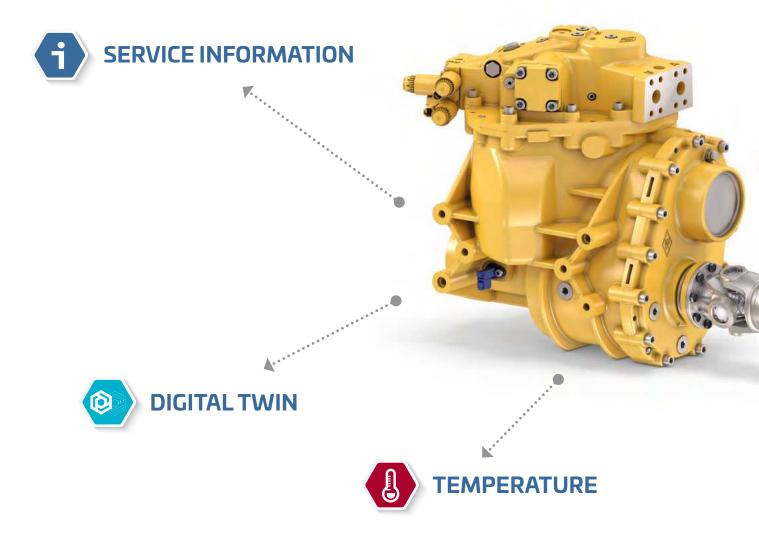


VALUE

- ▶ Increased machine availability
- Less maintenance effort
- ► Lower risk
- ▶ Longer component lifetime
- ▶ Increased efficiency
- Life-cycle oriented services

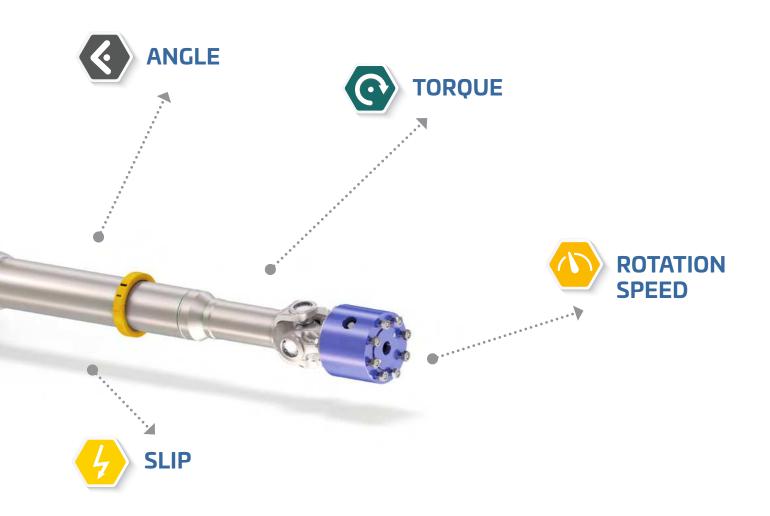
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SMART & CONNECTEDUse Cases

MAINTENANCE



INTELLIGENT MACHINES



- Predictive and condition based monitoring
- ► Early wear detection
- Prediction of service and repair intervals
- Increased powertrain availability

- ▶ New machine functionality
- Process optimization based on detailed mechanical load data
- ► Efficiency and performance indicators available

SERVICE



- Relevant product and service information available
- ▶ Spare part lists and instructions available
- ▶ Remote diagnostic by powertrain experts

TESTING



- ▶ Real duty-cycle information available
- ▶ Behavior and performance analysis included
- Powertrain design improvements based on field tests
- Performance tracking over the whole product life-cycle

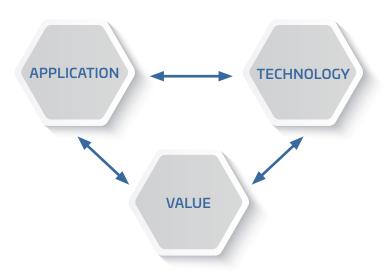


SMART & CONNECTEDEngineering Service

SMART & CONNECTED powertrain solutions are designed by us to bring a value to your individual application.

SMART & CONNECTED powertrain engineering service offers:

- ► Application specific design
- ► Agile prototype creation
- ► Innovative sensor concepts
- Life-cycle oriented design











SMART & CONNECTED enough?

Contact our staff to learn more and discuss the potential of SMART & CONNECTED in your equipment and operations.

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