

Title: Extend the Life of Your Hydraulic System with Hydac's Smart Fluid Connection Software

Presentation:

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Powered by Hydac Brazil

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Topics



Schedule

- 1. WhySFC?
- 2. What is SFC?
- 3. Value Offer;
- 4. Let's practice;





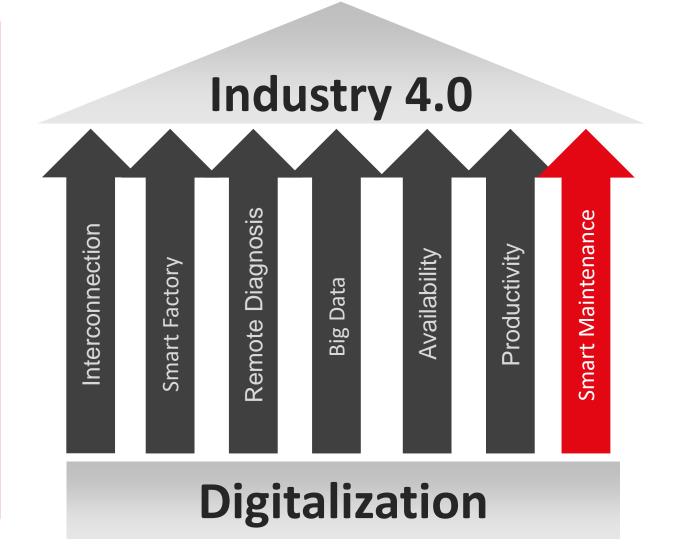
Industry 4.0 - Topic of the moment.







- Global Trends.
- Themes and benefits

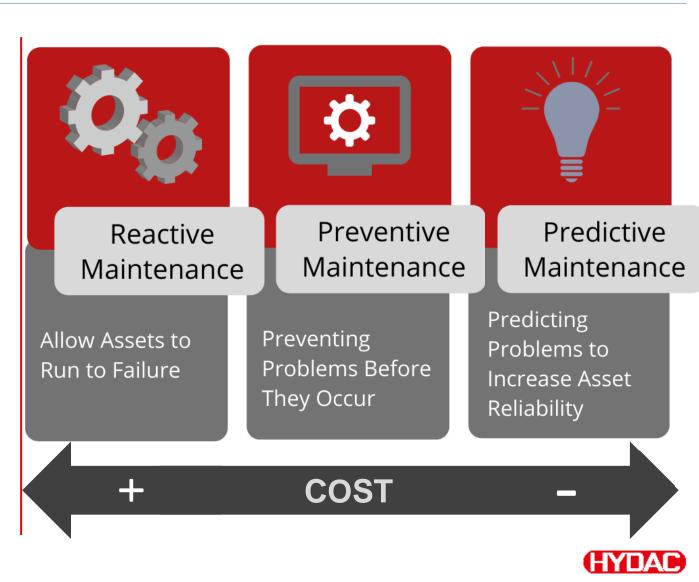






Smart Maitenance.

- Main Benefits: Low Cost

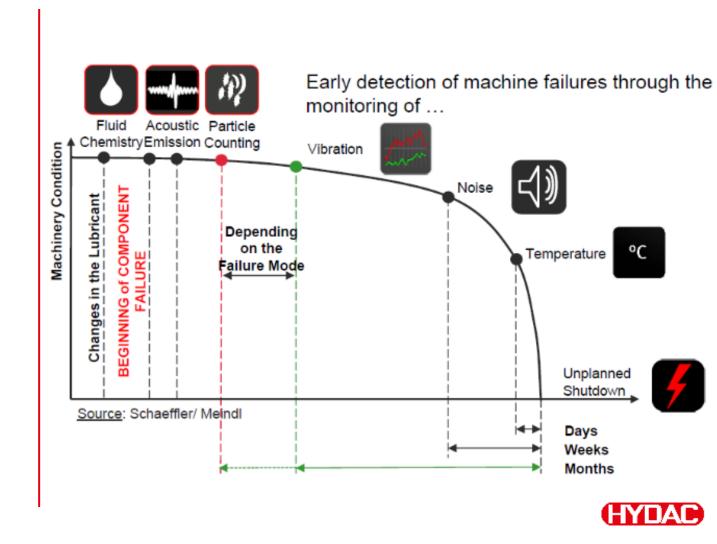






Why monitor the hydraulic system?

- Equipment wear cycle!

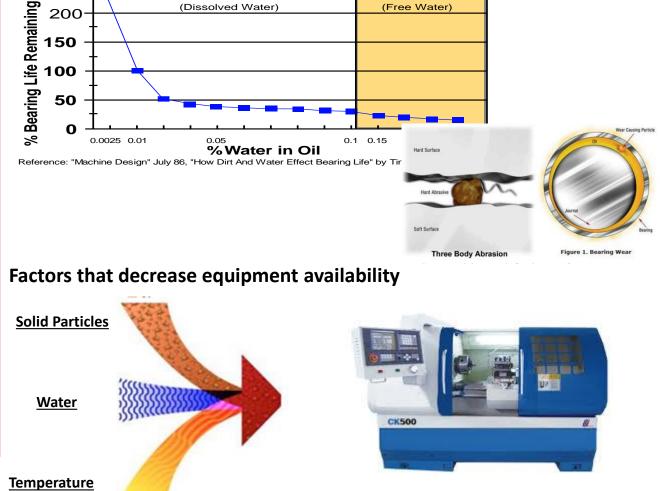






The good quality of the hydraulic system guarantees equipment availability!

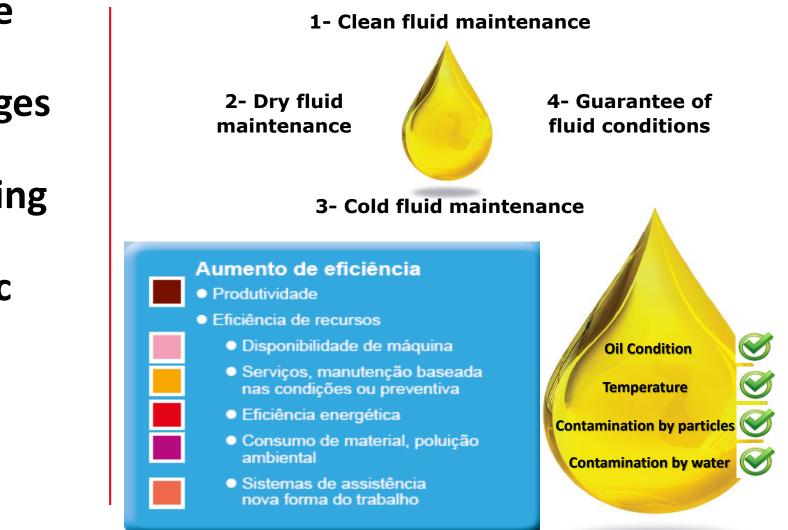
Contamination shortens bearing life Series of the series







What are the advantages of monitoring the hydraulic system?







What is important to monitor in the hydraulic system?

- Variables.

Availability of Relevant Information:

- Oil contamination by particles
- Oil contamination by water
- Temperature
- Oil condition
- > Flow
- Pressure
- 🕨 Level
- And others...



What is SFC?



How to make?

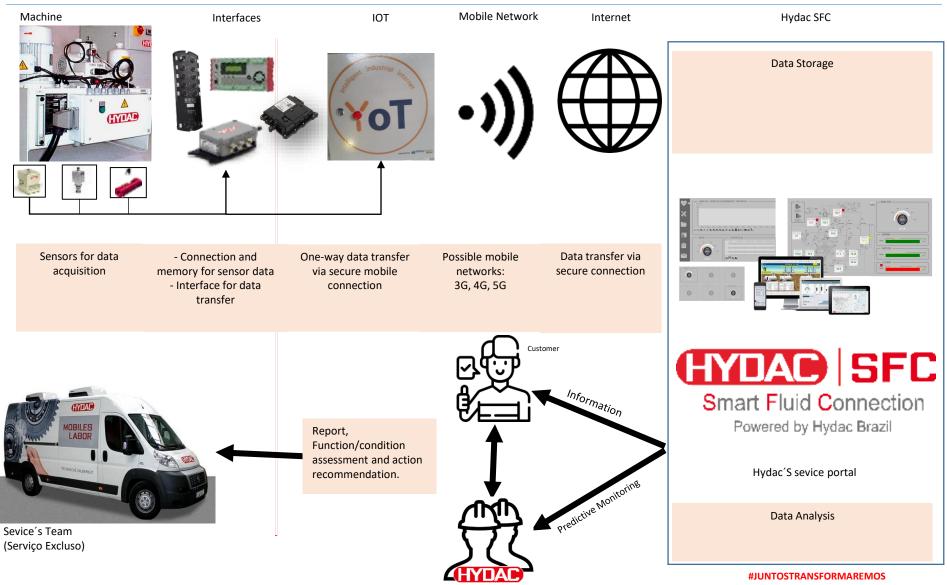
- Our Solution. **EXAMPLE OF STATE OF**





What is SFC? - Business Way







What is SFC? - Concept



Armazenamento dos dados na Hydac





Análise de dados

1. Analysis and definition of the reference value for "normal" operating behavior (learning)

- Continuous recording of sensor data
- Data analysis and definition of "normal" operating behavior
- Reference value display

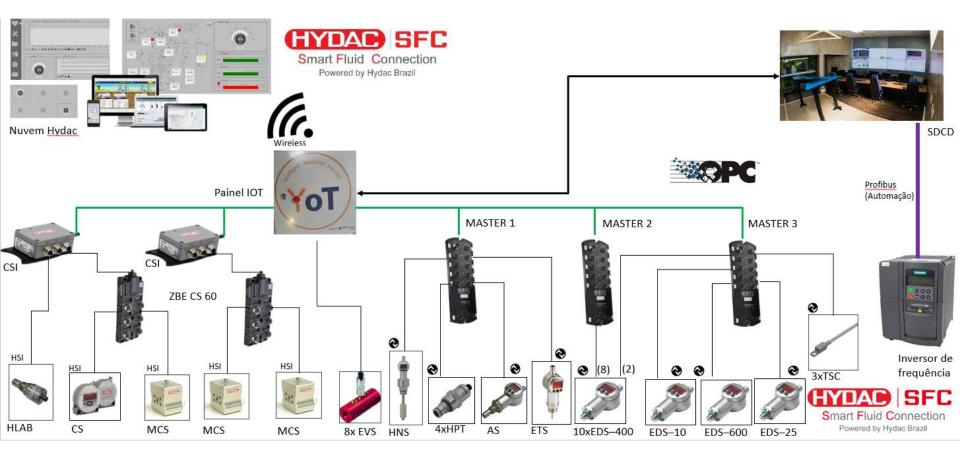
2. Registration of deviation from the reference value (monitoring phase)

- Continuous recording of all sensor data
- Analysis and data definition of deviation from the reference value
- Display of the current situation
- 3. Defining an action point for component replacement (action phase)
- Data analysis shows a critical deviation from the reference value
- Recommendation: Component Replacement



What is SFC? - Basic Topology







Value Offer



Benefits and advantages.

- Hydac Complete Solution (turn Key);
- Project Elaborated by Team Specialist;
- Custom Project;
- Predictive maintenance before something happens;
- Reduce unplanned production stop times;
- Better planning of maintenance activities;
- Explore the maximum life of components;
- Increased productivity;
- > 24/7 monitoring;



Let's practice



Presentation.





Let's practice



Home screen. 18/08/202 (HYDAC) (HYDAC) SFC Smart Fluid Connection Powered by Hydac Brazil Developed by GreyLogix Brasil





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THANK YOU!