

HYDAC

Group training

on hydraulic fluids

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Today we welcomed the HYDAC Group to our facility in Dormagen. The focus was on a hands-on training session on hydraulic fluids—a key factor in the performance and service life of modern hydraulic systems.

Focus on Hydraulic Fluids

Hydraulic fluids do far more than just transmit power. They lubricate, cool, protect against corrosion, and carry away contaminants. Even minor changes in the fluid's condition—such as those caused by particles, water content, or aging—can lead to efficiency losses, increased wear, or unplanned downtime.

The HYDAC Group team shared in-depth expertise on the properties, aging processes, and analysis methods for hydraulic fluids. Practical examples and typical damage patterns clearly demonstrated how crucial professional fluid management is for safe and economical system operation.

The Next Big Step: The Fluid Care Program

A particular focus was placed on the “Next Big Step” in fluid monitoring—the Fluid Care Program. This comprehensive concept relies on continuous online measurement of relevant parameters such as particle contamination, water content, and temperature.

The collected data is digitally analyzed and centrally visualized. This provides a transparent, real-time picture of the fluid's condition. Deviations can be detected early on, allowing targeted measures to be taken—even before failures occur.

We would like to thank the HYDAC Group for the technically sound exchange and the valuable insights into enhancing the safety, efficiency, and future-readiness of our hydraulic systems.