

- € We use **analyses** for our own projects but also offer them **as a service** for our customers.
- € Analyses of damage patterns provide important information to prevent errors or to remedy them and thus improve the products. - Lesson learned process
- € If the reasons for the corresponding damage pattern are not known, we use the **Six Sigma method** to **systematically identify and eliminate the causes**.
- € Exact measurements and procedures are required for precise analyzes, which is why we rely on **high-end methods and test procedures** such as
 - € **Photothermal** non-destructive analysis of components to assess the material service life during an endurance test.
 - € Investigations with **light and scanning electron microscopes**
 - € **Most modern measuring machines**
 - € Damage analysis of functional groups and components
 - € **Tribological assessment** of surfaces and sliding partners
 - € Determination of **material properties**
 - € **Adhesion** behavior of layers
 - € **Density distribution** in plastic parts

