Wear, abrasion, friction of metallic parts

Metallic materials

Understand and characterise wear and friction phenomena

YOUR EXPECTATIONS

- You would like to understand a deterioration phenomenon of the surface of your parts
- You would like to improve wear resistance, optimise a coating or surface treatment
- You would like to obtain better lubrication
- You would like to solve problems of seizing, cavitation, abrasion, etc.
- You would like to design a product that takes into consideration the problems of tribology
- You are seeking reliable analysis and characterisation methods

OUR SOLUTIONS

- A team of tribologists specialised in the area of characterisation of wear and friction phenomena.
- A laboratory dedicated to the science of friction: tribology
- Characterisation benches reproducing wear and friction phenomena.
- Surface treatment measurement and analysis equipment: depth and properties of a surface treatment, coating thickness.

YOUR BENEFITS

- Recognised expertise in tribology
- Customised support in the design of your products
- Access to efficient tests and simulation equipment
- Tailored and responsive service providing you with a dedicated laboratory
- Access to the multidisciplinary skills of metallurgical teams to optimise your products
- Expertise pertaining to the whole of the usual metal processing (machining-bar turning, metallic additive manufacturing, rolling, forging, etc.).
- An independent laboratory and a major player in the aerospace, automobile, medical and energy sectors.

CONTACT

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