

Tribology and failure analysis

1. Introduce the friction of the IC Engines!
2. Introduce the wear of the IC Engines!
3. Introduce the lubrication of the IC Engines! Introduce the major properties and contents of the lubricants used in IC Engines!
4. Introduce the different tribological investigation methods which can be used to describe the frictional losses and wear values in relation with the IC Engines!
5. Describe the failure analysis process! Which investigation methods and equipments can be used for these process?
6. Introduce the forced and fatigue fractures!