

About us

History of Mecoil Diagnosi Meccaniche Srl

Mecoil Diagnosi Meccaniche Srl is a private, independent company committed to predictive maintenance support. Since its foundation, in 1989 Mecoil Diagnosi Meccaniche Srl has focused its efforts on providing customers a reliable, cost-effective service for decision-making in maintenance and assets' management field. Our service is specially suited to meet customers' managing needs, asking for higher safety, higher quality, higher cost-effectiveness in industrial production processes, services and transportation. Mecoil Diagnosi Meccaniche Srl is the only Italian company owning a Quality Management System ISO 9001 certification specifically on oil analysis intended for maintenance and diagnostics. Our laboratory is the only Italian lab to participate to the international ASTM In-Service Oil Monitoring Interlaboratory Crosscheck Program, ranking within the first 15 over 70 participants for test results quality (July 2006 round). Mecoil Diagnosi Meccaniche Srl is able to offer tailored solutions for every problem regarding failure prevention, e.g. hydraulic systems monitoring and vehicle fleet management. Our high technical competence and long experience, plus an integrated approach with multiple diagnostic techniques (Oil and Thermo graphic analyses) can lead to a precise, predictive determination of failure modes. We are currently serving many companies in power generation, combined-cycle plants, cement mills, sugar refineries, chemical and petrochemical plants, where high assets' value combines with high production loss costs. Our interaction with customer's technical personnel can give the right diagnostic approach in order to detect failure root causes and trends. We are processing more than 6000 samples per year in all included service system, with a wide range of diagnostics, based upon several tribological tests; we are able to offer in addition to standard ASTM D6595 emission Spectroscopy, Ferrography and Lasernet techniques, in order to detect early stages of wear. This approach is the only one able to "pick up" the root failure causes!