



Services ensuring reliability and operating safety for nuclear power generation



DIAGNOSTIC

Oil diagnostics.
Thermovision.
Installation tightness tests through
detection of ultrasounds.
Consultancy.

Oil analysis

We have one of the most up to date, independent oil analysis laboratory in Poland, with implemented quality management system conforming to standard ISO 17025.

Our laboratory in Rybnik, Poland was certified by the Polish Accreditation Centre under no AB 1564.

In simultaneous collaboration with research units all over the world, we offer quick diagnostic service with the most modern package of lubricants, oriented at diagnostics of equipment and operational continuity.



AB 1564



Thermovision, endoscopic, ultrasound and vibration diagnostics.

We have our own diagnostic team equipped with the measuring devices for thermovision, ultrasound and vibration diagnostics of machinery. In addition we have in place the equipment for video endoscopy of pipelines.

LUBRICATION

Distribution of lubricants
for industry

Since 1994 Ecol has been the authorised distributor of Gdańsk Refinery, currently ORLEN OIL, polish producer of lubricants for professional and industrial power sector.



Ecol's Lubrication Service

Our complex oil-and-lubrication maintenance service for the industry is a comprehensive package containing several technical-and-organisational solutions to provide the optimum lubrication conditions.

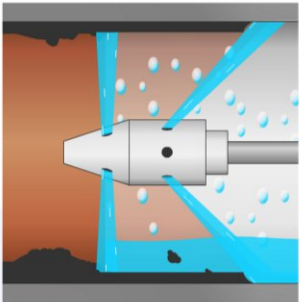


HYDRODYNAMIC & CHEMICAL CLEANING

Hydrodynamic cleaning and flushing of the oils systems of the turbine sets

The essence of the technology concerns the use of suitable nozzles and lances (adequate for water pressures), immediate drying and protection of dried surfaces, followed by flushing of the system with oil with suitable flow rate and simultaneous filtration.

The technology of hydrodynamic cleaning and flushing of the oil systems with turbulent oil flow rate is undoubtedly the only method of cleaning the oil systems, which offers so high effectiveness.



Chemical cleaning and etching of industrial equipment

(including pressure equipment subject to Office of Technical Inspection), such as:

- steam and water boilers of all types,
- condensers, turbines,
- heat exchangers of all types,
- technological pipelines,
- systems sewage treatment plant Flue Gas Desulphurization (FGD)
- other industrial systems.

Cleaning and etching processes are based on our own technologies using solutions of inorganic and organic complexing agents and with our auxiliary systems.



Power Generation Chemistry Service

Chemical cleaning with foam is a recognised and economically attractive method of sediment removal from the flow systems in turbines, without a need of removing the system.

Our active foam cleaning technology is used:

- steam/Gas turbine cleaning
- surface condensers cleaning
- steam boilers and equipment cleaning
- LUVO/GAVO cleaning

over 30 years of industrial service by Ecol Group



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