ecol.eu

CO_2 reduction

Industrial Lubrication

turnkey service in outsourcing

AUTHORIZED DISTRIBUTOR ORLEN OIL

bsi ISO 9001 Quality Management Systems CERTIFIED FS 534337 · ISO 14001 Environmental Management CERTIFIED EMS 534333 · ISO 45001 Occupational Health and Safety Management CERTIFIED OHS 544208

PCA Polskie Centrum Akredytacji BADANIA AB 1564

TÜV AUSTRIA CERTIFIED

TÜV SÜD Industrie Service WHG EQ 2247480

LABORATORIUM BADAWCZE UZNANE PRZEZ UDT LBU - 297

Ecol belongs to the GREEN DOT system created by Rekopol and supports the development of selective waste collection in Poland

PSEW member

IGEOS well connected MEMBER

vgbe ENERGY IS US MEMBER

A completely new approach to assets management in industrial services

Specialized offer of Ecol Sp. z o. o. regarding aspects of turnkey lubrication management consists of a number of optimized services and products, which include:

Lubrication services based on ICML 55® Standard

- Ecol System - IT solution supporting the management of lubrication and operation of machinery;
- engineering and deployment phase
- taking care of the company's lubricant management;
- replacing and replenishing of lubricants in machines and devices;
- oil care (filtration, dehydrating, etc.);
- service of oil systems, lubrication installations and filtration systems;
- extensive reporting possibilities

Diagnostic services supporting maintenance

- condition based lubrication and maintenance
- laboratory analysis of oils and greases;
- advice and consulting in the field of lubrication and maintenance;
- machine diagnostics (**thermal imaging measurements, vibration measurements of rotating machines, video endoscopy of installations, liquids flow measurements, acoustic imaging, ultrasound measurements**)
- oil and lubrication audits, development of lubrication management systems;
- designing of oil protection and care systems;
- selection and unification of lubricants;
- lubrication engineering training;

Supplies of lubricants, auxiliary materials and equipment

- oils and lubricants warehouse management;
- supply of additives or anti-varnish solutions;
- protective and maintenance agents, sorbents and neutralizing petrochemical contamination agents;
- filtration units and filter materials, pumps, equipment for testing water content, equipment for testing oil purity;
- packaging and equipment for storing and distributing of lubricants.

Oils and greases analysis

We offer a quick diagnostic service with the most modern package of lubricant tests focused on equipment diagnostics and maintenance issues.

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Our independent Oil Laboratory in Poland, has a quality management system compliant with the **ISO 17025** standard.

Device identificationsystem based on RFID technology

At Ecol, we have created a unique device identification system based on RFID technology, which, in combination with the SMART Ecol mobile application, provides access to quick insight into service history, operating instructions and helpful device photos. It also allows easy registration and recording of currently performed activities in the system.

Our easy-to-identify and install RFID tags are placed at all important lubrication points of the device - thanks to this, no key lubrication point of the facility will be missed.

CLS CERTIFIED LUBRICATION SPECIALIST · MLE · MLA · MLT · itc

Reducing the carbon footprint by optimizing the use of resources

CO_2 reduction

At Ecol, we are dedicated to guiding our clients towards archiving their carbon footprint reduction goal through the range of our optimized services. **Reduce emissions with Ecol and pave the way for a sustainable future.**

What are the benefits?

- Tailor made service engineered for Your needs, standards and sector regulations
- Personnel optimized approach and trained experts deployment
- Lubricants optimizations, oils and greases analysis, EcolSystem
- Extensive reporting possibilities, activities planning, workflow improvement
- Direct and indirect cost reduction through overall process implementation
- Downtime reduction, condition based lubrication, assets health monitoring

Outsourcing lubrication and maintenance

Ecol, as a specialized partner, takes care of all aspects of outsourced lubrication management processes, thus ensuring the highest quality at every stage of the processes incorporating new trends , advanced equipment , knowledge and best available practices as a standard.

Oil and lubricant outsourcing services are always tailor-made and prepared individually for each client.

The safety of implemented processes is ensured by proven technical and organizational solutions, standardization of good practices and, most importantly, competent and experienced staff.

Our specialists are experienced and certified experts in the field of lubrication, tribology and machine diagnostics.

Reach of our services:

We act quickly and effectively. We provide services to our clients through a network of nearly 30 branches in Poland and several foreign divisions **including nuclear sector**.

We cooperate both under individual orders and long- term service contracts, domestically and World Wide.

We cooperate with:

Shell, CEZ GROUP, BasellOrlen, ORLEN, Grupa Azoty, Tauron, PGE, NGK, MHPS, mondi, OMV, Xcel Energy, Doosan Škoda Power, Veolia, ArcelorMittal, aramco, Smurfit Kappa, ansaldo energia, Siemens Energy, Tecnicas Reunidas

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over 30 years of industrial services by Ecol Group

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