



# Grease Thief<sup>®</sup> - innovative grease analysis method



PN-EN ISO 17025  
oil laboratory certified by  
the Polish Accreditation Centre  
under no AB 1564

AB 1564

## Grease Thief®- innovative method of tribology grease analysis, now in Poland!

We implemented the world's most advanced testing method of plastic lubricant, meeting the requirements of ASTM D7718<sup>[1]</sup> oraz ASTM D7918<sup>[2]</sup> standards for sampling and analysis.

Grease Thief® is the only method that allows to test the consistency, wear, contamination, oxidation of a lubricant and count the wear particles, using a grease sample weighing 1g only.

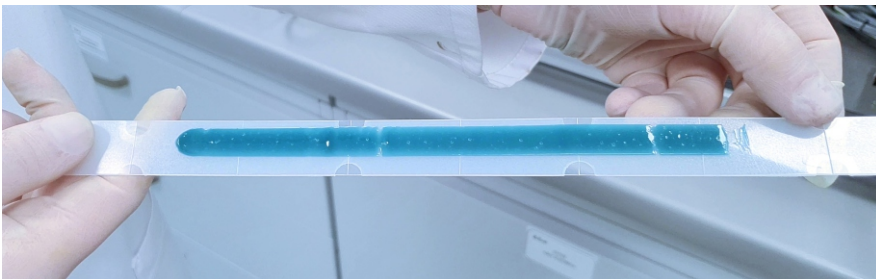
<sup>[1]</sup> ASTM D7718 – Standardowa procedura poboru próbek smaru z eksploatacji.

<sup>[2]</sup> ASTM D7918 – Pomiar własności przepływu, poziomu zanieczyszczeń, zużycia oraz poziomu produktów utleniania w smarach plastycznych metodą wyłaczania.

### Sample representativeness

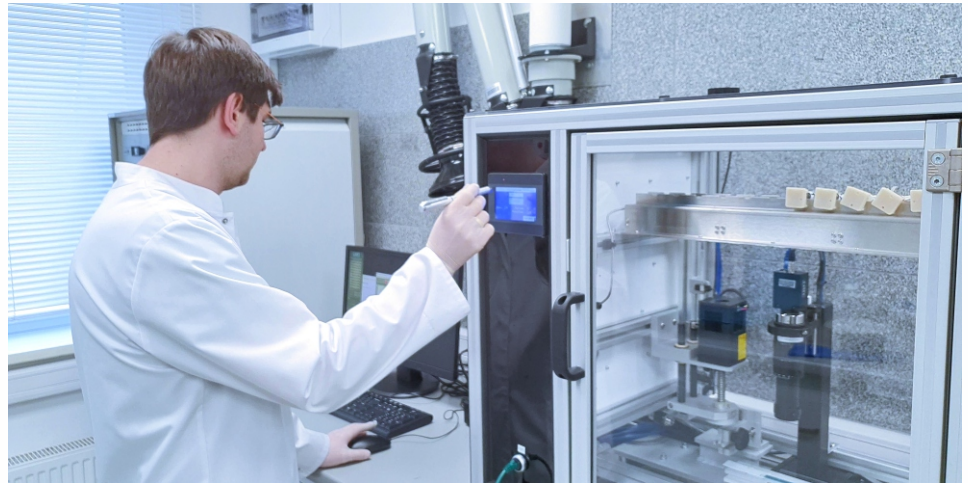
The grease sample is always taken from a critical and representative location by the patented sampling tools.

The one-gram sampler allows for non-contact preparation of samples in the laboratory, and the sampling process itself ensures full repeatability by elimination the risk of cross-contamination of samples at the test stand.



## The Grease Thief® Lubricant testing method is used in:

- analyzes of lubricants operating in wind turbines,
- robotics,
- plain bearings,
- electric motors
- gears.



## Advantages of the Grease Thief® analysis method:

- up to nine laboratory tests can be performed with just 1 gram of lubricant;
- time savings due to the efficient and effective methodology of lubricant testing, allowing for efficient use of a small sample for all tests;
- preparation of a grease sample for analysis on existing instruments for oil analysis, including: FT-IR, RULER, ICP / RDE and analytical ferrography;
- non-invasive method of sampling, allowing for a continuous stream of samples for analysis without the need for equipment downtime;
- lower overall production costs through simplified analysis methods and reduced lubricant consumption;



## Our laboratory

At its headquarters, in Rybnik, the company Ecol offers the analysis of oils and greases in the up-to-date and useful tests packages.



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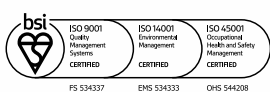
The highest standards of our research unit have been confirmed by the accreditation No. AB 1564. The accreditation was issued by the Polish Center for Accreditation, confirming the laboratory's activity in accordance with PN-EN ISO / IEC 17025:2018-02.

Our most up-to-date laboratory unit is available to our clients in the 24/7 system. Quick response services in the event of a failure and readiness to perform tasks in unusual conditions, make us "an emergency service" to fight the problems of bad lubrication.



LUBRICANTS DIAGNOSTIC LABORATORY

oilanalysis.pl



the highest standards according to:

ISO 9001  
ISO 14001

ISO 45001  
ISO 17025

SCC Petrochemical  
TÜV Industrie Service

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