

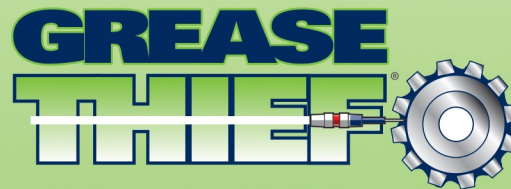
GREASE THIEF PRODUCTS AVAILABLE:

- Electric Motor Bearings
- Pillow Block Bearings
- MOV Gearboxes
- Wind Turbines
- Robot Drive Gears
- Grease Sampler
Adjustable T-Handle



TO PLACE AN ORDER FOR
GREASE THIEF KITS VISIT
WWW.GREASETHIEF.COM

Visit our **You Tube** channel

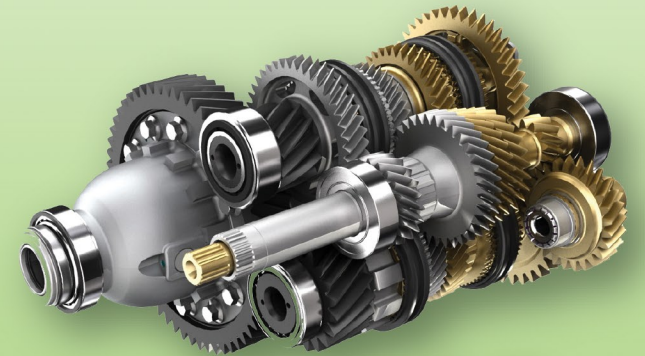


www.greasethief.com

410 Kings Mill Road • York, PA 17401
Phone: 717.843.8884 • Fax: 425.696.8725



SAMPLING AND ANALYSIS
USING THE SAME DEVICE AND
ONLY **ONE GRAM** OF GREASE!



Meets
ASTM D-7718
Standard Practice
for Grease
Sampling

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“THE LEADING CAUSE OF BEARING FAILURE IS IMPROPER LUBRICATION”

-MACHINERY LUBRICATION MAGAZINE (2/2010)



Per **ASTM D7718** the Grease Thief can be used to take trendable one gram samples from grease lubricated machines.

Grease Thief is being used internationally in the following industries:

- WIND TURBINES
- MANUFACTURING
- FOOD PRODUCTION
- TRANSPORTATION
- COAL CRUSHERS
- PHARMACEUTICAL
- NUCLEAR POWER
- MINING
- ROBOTICS
- CRANES
- STEEL

THE GREASE THIEF ALLOWS YOU TO EXTRACT **ONE GRAM** OF IN-SERVICE GREASE FOR LAB ANALYSIS



Up to nine different laboratory tests can be performed to determine **wear, consistency, contamination and oxidation.**

- RDE SPECTROSCOPY
- GREASE COLORIMETRY
- ANALYTICAL FERROGRAPHY
- RHEOMETRY
- MICROBIAL CONTENT
- DIE EXTRUSION
- FT-IR
- RULER
- fdM+

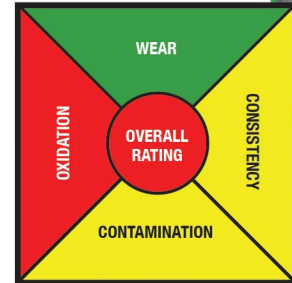


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GREASE ANALYSIS

WEAR

Wear testing detects the amount of ferrous debris and other wear metals in the grease by utilizing fdM+, RDE Spectroscopy and analytical ferrography.



CONSISTENCY

Using the Grease Thief, the grease is extruded through a patented die to evaluate the changes in consistency as compared to the reference grease.

CONTAMINATION

Mixing of different greases, moisture content and dirt can be detected using a variety of analytical techniques. A new test is under development for particle counting and characterization.

OXIDATION

The progression of oxidation is measured using the RULER Test and FT-IR Spectroscopy. The RULER Test can also be used to determine optimal grease re-lubrication frequency.