



**Part # MGT-01-090**  
**Grease Sampling Kit for Robot Drive Gear**  
**Pre-Paid Analysis Kit**

**Directions for sampling with the Grease Thief from robotics applications:**

Enclosed in the kit:

- Six (6) sleeves containing:
  - One (1) assembled Grease Thief
  - One (1) 10 ml plastic syringe
  - One (1) shipping tube with barcode
- One envelope with return address label

**Sampling from locations J1, J2 and J3**

1. Exercise robot to mix and work grease. Shut power off.
2. Lock Out/Tag Out
3. Remove the drain plug
4. Thread adapter into gearbox drain if necessary.
5. Thread Grease Thief® into drain hole.
6. Pull plunger handle to fill Grease Thief with sample.  
If no grease is obtained:
  - a. Use syringe and short extension tube in drain.
  - b. Place tip of syringe into tubing and secure
  - c. Insert tubing, to 75% of length and pull plunger to fill 5ml of grease. Withdraw syringe and tubing and dispose.
  - d. Inject grease into the Grease Thief and continue with step 7.
7. Cap Grease Thief and place in shipping tube.
8. Scan barcode using smartphone device and use Grease Thief App (see app instruction card) to enter equipment information.
9. Mail the return envelope, with the grease samples, back to MRG Labs for analysis.

## Sampling from location J4, J5 and J6

1. Position robot with drains facing down and shut power off.
2. Lock Out/Tag Out
3. Locate and remove the zerk fitting
4. Thread the provided plastic syringe into the threaded zerk hole
5. Pull the syringe plunger to fill the syringe with grease. If the syringe does not fill, remove the syringe tip from the hole, reset the syringe and try again.
6. Place tip of syringe in Grease Thief and fill with grease.
7. Cap Grease Thief and place in the shipping tube.
8. Scan barcode using smartphone device and use Grease Thief App (see app instruction card) to enter equipment information.
9. Mail the return envelope, with the grease samples, back to MRG Labs for analysis.

**Please Note that if the Grease Thief is not completely filled, it may not be possible to complete all the tests in the test slate. Analysis will be performed on as many tests as possible given the submitted volume. If only small quantities are available, customer should provide priorities for performance of individual tests in the test slate.**



MRG Labs  
410 Kings Mill Road  
York, PA 17401 USA  
Phone: 1-717-843-8884  
Fax: 1-425-696-8725  
[www.mrgcorp.com](http://www.mrgcorp.com)

### **Also available for Grease Thief:**

MGT-01-008 Kit for Pillow Bearing  
MGT-01-012 Kit for Electric Motor Bearing  
MGT-01-014 Kit for MOV and Gearbox Sampling  
MGT-01-018 Grease Sampler T-Handle\*  
MGT-01-067 Kit for Wind Turbine Sampling

\*One time purchase required if purchasing MGT-01-014 or MGT-01-067.