



Grease Analysis

In-service grease analysis provides insight into making well-planned, cost-saving maintenance decisions that lead to optimized asset health and reliability.

Evaluation of grease using conventional test methodologies can be very time consuming and expensive, and can be hindered by the difficulties in obtaining an accurate sample. ALS is pleased to announce the availability of Grease Thief® sampling supplies and related testing. The Grease Thief® technology allows for repeatable and representative grease samples that provide early indication of issues related to grease degradation. Samples as small as a gram of grease obtained by using Grease Thief® sampling kits can then be analyzed directly in the Grease Thief® Analyzer, following the newly issued ASTM D7918-15, to produce a streamlined analysis of:

- Wear
- Oxidation Properties
- Consistency
- Contamination



Grease Testing Benefits

- Optimize grease replenishment intervals
- Determine wear trends for critical pieces of equipment
- Detect lubricant mixing or other contamination
- Evaluate failed grease lubricated components

Grease Sampler Kit

The grease sampling kit includes 8 sleeves, 10cc syringe, spatula, pre-paid barcode label and shipping tube per sleeve along with user instructions for sampling and app usage.

Basic and Advanced Grease Thief® Sampling kits can be ordered through your ALS customer service representative. If you would like further information on how grease testing will lead to optimized asset health and reliability contact our ALS Reliability Experts today!

Basic Grease Analysis

Part No. GRX001

Test	Method
Die Extrusion	ASTM D7918
fdM+	ASTM D7918
FT-IR	ASTM D7418
Grease Colorimetry	ASTM D7918
RDE Spectroscopy	ASTM D6595

Advanced Grease Analysis

Part No. GRX002

Test	Method
Die Extrusion	ASTM D7918
fdM+	ASTM D7918
FT-IR	ASTM D7418
Grease Colorimetry	ASTM D7918
RDE Spectroscopy	ASTM D6595
Linear Sweep Voltammetry	ASTM D7527
Analytical Ferrography	ASTM D7684
	ASTM D7690
Rheology	DIN 51810

