

# GREASE TESTING SERVICES

TESTING AND ANALYSIS FOR MACHINERY, AVIATION,  
LAND, MARINE AND INDUSTRIAL APPLICATIONS

Clients face many problems when using grease in equipment. Intertek's experts can help advise when maintenance is required, if a product is performing on specification and if there are any compatibility issues when switching from one grease to another.



## Our Expertise

Intertek's grease testing facilities provide assurance that the grease our clients use is performing on specification and help identify when this is no longer the case. Our technical expertise allows us to solve your problems with grease failures and avoid costly shutdowns.

Our laboratory is **ISO 17025** accredited and can offer independent, confidential and unbiased expertise on a wide range of grease testing, assessing the physical, chemical and elemental properties of your product.

Our team of experts can offer **24-hour turnaround** where applicable



## Grease Testing Suite

We can offer a wide range of industry-standard test methods to determine whether a grease matches the product manufacturers specifications and is fit for purpose.

We have an extensive suite of tests available including:

- Cone penetration and worked stability
- Copper corrosion
- Dropping point
- Corrosion/rust preventative properties
- Oil separation
- Evaporation loss
- Oxidation stability
- Low temperature torque
- Water washout characteristics
- Elevated temperature performance
- Fretting wear protection
- Anti-wear properties by four-ball (load wear index, weld load, mean wear scar diameter)
- Wheel bearing leakage
- Compatibility of mixtures
- Dirt content
- Load wear index
- Weld load
- Mean wear scar diameter
- Appearance and odour

## Additional Testing Expertise

In addition to our extensive suite of grease laboratory specification testing we can also offer:

- Grease compatibility testing: to ensure our clients don't encounter any issues when switching from one grease product to another.
- Wear particle analysis: looking at specimens of suspect grease to understand any debris present. This may allow clients to identify where a fault of failure may have occurred in their equipment.
- Re-life testing: In agreement with the grease manufacturer we can test grease to check it is still on specification and extend the use-by-date, saving our customers valuable resources.

## FOR MORE INFORMATION



+44 1252 392 100



flc.enquiries@intertek.com



intertek.com/ocm/grease



+44 1252 392 100



flc.enquiries@intertek.com



---

[intertek.com/ocm/grease](https://intertek.com/ocm/grease)