



Falex Tribology Testing

Quality
Knowledge
Partner Solutions



Save Money

On equipment and lab space
On staff training

Save on equipment capital investment and staff training, if you don't need tests all the time.

Choose the best combination of test machines from over 20 different lab test machines.

Be Flexible

Availability of 20+ different test machines

We guarantee **standard** testing at a **fixed price** with fast response.

We handle **small to large** projects.

Increase Efficiency

Experienced staff and availability of equipment

Our methods are adapted to the **specifics of your product or application**.

We improve our know-how by developing procedures for different industrial sectors.

Tribology is the science and technology related to **Friction, Wear & Lubrication**. Standard test methods are not always sufficient to find answers to your questions. That is why we **design new test methods** for a wide variety of materials and lubricants for industrial applications. Read our Case Studies for more information on our website www.falex.eu.

We guarantee optimal test results.

We use Falex tribometers that are regularly calibrated and maintained according to manufacturer and standard specifications.

We select the best tribometers from other manufacturers.

We use certified specimens and train our operators regularly.

Falex products are specified in ASTM and other standards.

ASTM standards serve as the basis for manufacturing, procurement and regulatory activities.



INTERNATIONAL
Standards Worldwide



DIN
Deutsches Institut für Normung



IP international petroleum test methods

SAE International

Falex Tribology nv

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Standard Test Equipment

This is a selection of our most common standardized tests.
We can also develop custom tests with this equipment.
Contact us for details on custom test projects.

Lubricants

Ball-on-Three-Disk

Diesel fuel lubricity test

Block-on-Ring

ASTM D2714-2981-3704 G77-137-176

Four Ball EP

ASTM D2596-2783

DIN 51350; KRL L-45-A; AFNOR & IP

Four Ball Wear

ASTM D2266-4172-5183

DIN 51350; NF E 48617&3

Fafnir fretting test

ASTM D4170

Pin & Vee Block

ASTM D2625- 2670- 3233 -5620—IP241

Tapping Torque

ASTM D5619

Timken

ASTM D2509-2782

Materials

Rubber Wheel Sand Abrasion

ASTM G65- 105 B611

Miller Slurry Abrasion

ASTM G75

Multispecimen Tester

ASTM D3702 -2266 -4172- 5183 G99

More than 60 different adapters for roll/slide, vane contacts, area contact, erosion, abrasion,...

Other test machines

Plint-Cameron TE77

ASTM G133

SRV

ASTM D5706-5707;DIN 51834-1-2-3-4

DIN E 65593,DIN E 62136-1

Vickers (Conestoga) Pump

ASTM D7043 ISO 20763 DIN 51389

Additional Test Equipment

Fretting test

ASTM G204

Fretting resistance electrical connectors

Fretting protection by greases

Fretting wear resistance coatings/materials

Pin-on-disk

ASTM G99

Microtribometer

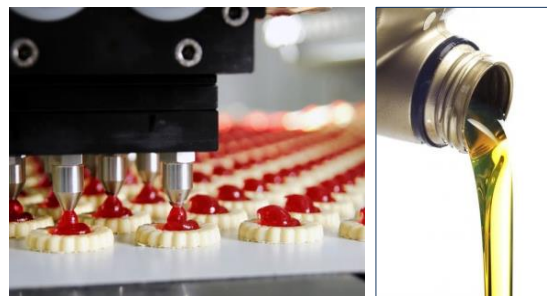
Friction modifiers for oils and diesel

Stiction and cohesion of greases

General high precision tribology

Taber Abraser

ASTM D4060



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