Test Selection Methodology

The Tribological Aspect Number (TAN) system provides a time tested approach to select a tribology test configuration. The TAN system transitions the field system to the optimum bench test method. The selection of geometry, velocity, area, pressure, and entry angle systematically identify appropriate test design. A copy of the technical paper, along with the accompanying TAN guide is available by contacting Falex Corporation.

Testing Recommendation

Falex Corporation recommends multiple tests in order to develop viable statistical representations of results. Precision and bias values can be generated from replicate testing which give clients further confidence in the data generated in the lab. Each test is performed according to strict Falex standards to ensure reliable results.

Custom Specimens

Falex Corporation offers the option of custom test specimens. Virtually any material combination may be used to better simulate service conditions. Additional charges may apply, based on materials and quantities. Please contact Falex Corporation for details. Specimen material can be supplied by either the client or Falex Corporation. Specimens supplied by the client which do not adhere to the required dimensions of the machine, may require additional machining. The client will be advised of any required machining and the additional costs and delays to the testing program prior to the initiation of any machining or testing.

Sample Preparation

All samples submitted to Falex for testing require a current MSDS. Falex cannot accept materials without proper identification and MSDS. All samples should be submitted in final testing form. Refer to the pricing information sheet regarding sample amounts required for testing. Submitted fluids should be sent in approved containers as required by federal, state and local codes. Materials submitted for testing should be properly packaged to minimize any shipping damage or contact with other submitted materials.

Currently, Falex utilizes an ultrasonic bath of stoddard solvent, followed by an isopropyl alcohol (IPA) bath and rinse to remove packaging films and debris. Should your sample require a special cleaning procedure, a detailed procedure should be specified. Additional charges may be incurred for special cleaning. All test materials will be returned to the contractor upon completion of the testing program.

Testing Confidentiality

Falex Corporation maintains test results in strict confidence and will only disclose results to non-affiliated individuals or organizations with written consent from the client.

Expedited and Rush Deliveries

Normal turnaround time is within 5 working days. Expedited services are available. Please contact Falex Corporation for more information.

Terms and Conditions

Payment terms are Cash in Advance or Net 30 days (with pre-approved credit). Falex accepts MasterCard, Visa, and American Express. Bi-Monthly billings may apply to projects which span several weeks. In no event shall Falex Corporation, nor any of its employees, agents or sub-contractors, be liable for any prospective profits or special indirect or consequential damages caused by testing results. Falex will not endorse any product. Use of the Falex Trademark or its name in any advertisements or promotions is prohibited without prior consent.

Shipping, Handling and Disposal

An appropriate fee applies to test programs including return or disposal of test materials. The fee allows for disposal of tested fluids, cleaning solvents, return of used test pieces and excess fluid, packaging and shipping. Excess fluid is not returned for International orders, unless specific instructions are provided by the client prior to testing. No excess fluid will be returned without the proper Material Safety Data Sheet (MSDS) supplied by the client prior to test work.

Storage

Samples will be returned or disposed of after testing. Disposal fees may be charged. If requested, excess sample fluids or materials will be stored for a maximum of two weeks after testing at no charge. Additional storage of materials will be billed on a per month basis at a rate noted on our schedule of fees.